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Directory of Information

General Bulletin 700

Commonwealth of Pennsylvania
William W. Scranton, Governor

Department of Agriculture
Leland H. Bull, Secretary

DOCUMENTS SECTION

Directory of Officials
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF AGRICULTURE

LELAND H. BULL, *Secretary*
JACK R. GREY, *Deputy Secretary*

Bureau of Animal Industry

DR. JOHN C. SHOOK, Director
DR. PALACE H. SEITZ, Chief, Animal Disease Diagnostic Laboratory
DR. RICHARD C. GUISE, Chief, Division of Brucellosis
DR. DAVID S. INGRAHAM, Chief, Division of Tuberculosis
DR. GEORGE H. ZACHERLE, JR., Chief, Division of Meat Hygiene
DR. J. HUBLEY SCHALL, Chief, Division of Miscellaneous Diseases
WALTER H. MILLER, Acting Chief, Division of Dog Law Enforcement

Bureau of Foods and Chemistry

DELMAR K. MYERS, Director
DR. HOWARD K. JOHNSTON, Chief, Division of Milk Sanitation

Bureau of Markets

CLARENCE W. FUNK, Director
EDWARD J. LAWLESS, JR., Chief, Division of Poultry and Eggs
CLYDE MILLER, Chief, Division of Fruits and Vegetables
JOHN ZIMMERMAN, Acting Chief, Division of Livestock and Dairy
JOHN W. EARLY, Acting Chief, Division of Market Development

Bureau of Plant Industry

HENRY F. NIXON, Director
FINLEY B. NEGLEY, Nursery Inspection
GEORGE B. SLEESMAN and ARTHUR JEFFERY, Entomologists
WENDELL P. DITMER, Botanist
WILLIAM L. YOUNT, Plant Pathologist
C. F. CAMPBELL, Seed Certification

State Soil and Water Conservation Commission

CHARLES F. HESS, Director

State Farm Products Show Commission

HORACE L. MANN, Farm Show Director

State Harness Racing Commission

MAJOR RALPH D. GARDNER, Executive Secretary

Pennsylvania Crop Reporting Service

DEWEY O. BOSTER, Agricultural Statistician-in-Charge

Southwestern District Office

CHARLES A. KOESTER, District Manager, RD 1, Evans City

Northeastern District Office

ALLEN F. SCHMOLL, District Manager, 69 Putnam Street, Tunkhannock

North Central District Office

MERRILL S. BRODRICK, District Manager, RD 1, Linden

Southeastern District Office

MORRIS S. HUNTZINGER, District Manager, 711 West Main Street, Lansdale

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Central offices of all Bureaus and Commissions are located in the Department of Agriculture Building, 2301 North Cameron Street, Harrisburg. The Farm Show office is on the second floor, front, of the Farm Show Building, Cameron and Maclay Streets, Harrisburg.

A Growing Challenge



Agriculture in Pennsylvania faces a new challenge. It is the heart of a growing center of population and, in the years ahead, must be prepared to feed many more people whose tastes and appetites change as fast, sometimes, as the weather.

The trend is obvious. It took almost 400 years for this nation's population to reach its present level of 190,000,000. But the number is expected to double in the next 30 to 35 years.

Think of it! Before this century ends, there will be twice as many people in the United States to feed, clothe and shelter. A large part of this population will be concentrated here in the East.

It will mean many more markets to satisfy and twice as much need for the products of our farms.

Meeting this demand will be a job—not for agriculture alone, but for Agribusiness, a complex of industries engaged in producing, processing and distributing food and fiber that springs from the soil.

This 1964 Directory of Information is indicative of the new trend. It lists for your convenience the many organizations and services that are closely related in the growing field of Agribusiness, Pennsylvania's major industry.

L. H. Bull
Secretary of Agriculture

Bureau of Animal Industry

The Bureau of Animal Industry is responsible for initiating and carrying out programs for the prevention, control and eradication of transmissible diseases of livestock and poultry.

The primary concern is to safeguard livestock—the stabilizing factor in Pennsylvania's agricultural economy—and protect the large investment in the livestock and poultry industries.

Successful programs to stamp out diseases that threaten economic loss also serve to encourage expansion of the livestock industry. This is an important consideration since Pennsylvania is a meat deficient state and there is, therefore, an opportunity for increased livestock production here.

Effective methods have been employed to eradicate sheep scabies, vesicular exanthema, contagious pleuropneumonia and foot and mouth disease. The incidence of other major livestock diseases are on the down trend.

A statewide program is being launched to eradicate hog cholera in Pennsylvania, and extensive testing programs are being continued to curb tuberculosis and brucellosis.

A target date of 1975 has been established for complete eradication of brucellosis in all species.

*Dipping sheep in
Pennsylvania's
successful scabies
control program.*





Bureau of Foods and Chemistry

When you buy food and beverages at your local grocery store, you have a right to expect them to be tasty, wholesome, of good quality, nutritious, and prepared under sanitary conditions.

The Bureau of Foods and Chemistry is on the job to make certain the foods you buy: (1) Will not cause illness, (2) Will not contain foreign matter, (3) Will not be an economic cheat.

Most of the violations for which processors and retailers are cited are either accidental or of an economic nature, rather than instances of deliberate adulteration.

In buying his raw materials, such as animal feed, lime, and fertilizer for producing food and fiber, the farmer depends on the guarantee of the manufacturer. Nearly 20,000 individual laboratory tests are made annually by the Feed and Fertilizer Division to check these guarantees.

In addition to the General Food Law, the Bureau enforces specific laws relating to ice cream, bakery products, sausage, oleomargarine, soft drinks, animal feed, fertilizer, pesticides, and lime. Many of these laws require registration and licensing. The Bureau issues approximately 35,000 licenses, permits, and certificates of registration each year.

The Division of Milk Sanitation annually issues more than 3,000 permits to dairies in Pennsylvania and adjacent states which sell milk in Pennsylvania. These plants are inspected regularly by the Bureau. Employees of dairies are certified to inspect dairy farms to see that cows and milk are being handled in a manner to insure rigid standards of quality.

Samples of food, animal feed, fertilizer, and agricultural limestone are collected by agents of the Bureau throughout the state for analysis in the Bureau's laboratory. New laboratory facilities will be available by late summer, 1964, in the new Pennsylvania Department of Agriculture Building opposite the Farm Show Building. The new facilities will include modern equipment for the chemical analysis of food, feed, fertilizer, and liming materials and a special laboratory devoted to the bacteriological examination of milk, ice cream, and other dairy products.

Bureau of Markets

The Bureau of Markets, as the name implies, is primarily concerned with developing plans and programs to assist in the orderly and effective marketing of Pennsylvania farm products. In carrying out this function, the Bureau provides a broad range of services that include:

1. Providing counsel and assistance to farmer, processing and distribution organizations and individuals.
2. Compiling and distributing timely information on the supply, demand, movement and prevailing prices of farm products.
3. Assisting in the coordination of efforts of various commodity marketing groups.

The Bureau also is responsible for enforcing rules and regulations pertaining to the grading and inspection of farm products and services. Essentially, this phase of the Bureau's activity is directed toward assuring consumers consistent high quality in the food they buy. Quality guides are provided farmers, processors and distributors, and standards are maintained for grading and certification of various farm products, including livestock and poultry.

The Bureau is responsible for enforcing the State fresh egg law; the marking laws for potatoes, apples, peaches, pears and grapes; and the law pertaining to filing of reports by farmer cooperatives.

Other functions include: Licensing produce dealers; operation and inspection of the National Poultry Improvement Plan and the National Turkey Improvement Plan; operation and official compilation of data in the Pennsylvania egg laying test.

In addition, the Bureau of Markets is responsible for administration of the disbursement of state and local fair funds.





Bureau of Plant Industry

Agricultural and vegetable seeds offered for sale on the market are checked by the Bureau of Plant Industry for purity and germination and also for the presence of weed seeds. The Pennsylvania Seed Act further requires proper labeling of seed offered for sale.

Recent increases in acreage yield of grain crops and potatoes are due partly to the availability of superior crop seeds furnished through the seed certification service of this Bureau.

All of the nurseries of the state are inspected each year and those free of plant pests are officially certified by the state. Where pests are found, prompt treatment for their control is a requirement for certification. This insures that purchasers of Pennsylvania grown stock will get good, vigorous ornamental or fruit plants.

Statewide surveys are made to determine the presence or abundance of plant pests known to exist in the state such as stem rust; Japanese beetle; oak wilt disease; gypsy moth; Eastern tent caterpillar and fall web worms. Surveys are also made for pests of potential economic importance, but not known to exist in Pennsylvania, such as the cereal leaf beetle and the European chafer.

The result of survey programs set in motion control measures where plant pest infestations are of sufficient severity to warrant the action. A state quarantine area may be established until the pest is brought under control. If the pest gets out of control, the state quarantine may be dropped and a federal quarantine established as was the case with the Japanese beetle quarantine many years ago.

All known colonies of bees are inspected as an aid to beekeepers in the control of the devastating brood diseases. Colonies found with diseases are ordered treated or destroyed. The incidence of foulbrood has been reduced to less than 2 per cent.

State Farm Show

The broad picture of Pennsylvania agriculture is portrayed annually in an exhibition that has gained world-wide recognition, the Pennsylvania State Farm Show. This recognition is evident in the increasing number of foreign visitors among record throngs that "come to the show" each year.

In addition to products of the soil and handicrafts of the home, the Farm Show has become a display case for agricultural equipment and machinery on a scale that amazes visitors. In recent years it also has emphasized the close relationship of agriculture to many other basic industries in Pennsylvania's growing Agribusiness economy.

The Farm Show is conducted by the Pennsylvania State Farm Products Show Commission. Serving the Commission in an advisory capacity is the Farm Show Committee that is made up of representatives of 56 different farm organizations.

Attendance, climbing steadily over the years, reached an all-time high of 690,000 in 1963. It was a different story, however, in 1964. Eighteen inches of snow fell on opening day—more than the total amount in any previous Farm Show week. The storm blocked roads, crippled transportation services, and kept attendance extremely low during the fore part of the week.

The Farm Show Building, with its spacious exhibit area and large and small arenas, is becoming a center for many diversified activities. Increased use of the building for athletic events has helped swell total annual attendance well beyond the million mark.

A new event for 1964 is the Pennsylvania All-American Dairy Show scheduled for Sept. 14 to 17. The Pennsylvania Livestock Exposition will be held from Nov. 9 to 13, and the 1965 Pennsylvania State Farm Show from Jan. 11 to 15.





Soil and Water Conservation Commission

The Secretary of Agriculture, by virtue of his office, is chairman of the State Soil and Water Conservation Commission.

The Commission's work is largely educational, explaining the purpose and operation of soil and water conservation districts by the use of literature, articles, slide talks, films and other media. It encourages the formation of new districts, a job which is nearly completed and helps county commissioners organize them once created by resolution. Districts are currently developing long-range land use programs to promote the wise use of Pennsylvania's natural resources. Clerical aid, funds and other assistance are furnished Pennsylvania's 62 soil and water conservation districts now organized.

Of special interest to the urban and rural dwellers is a 25-minute 16 mm. color film, entitled, "Beyond Tomorrow," portraying the accomplishments of Pennsylvania's soil and water conservation districts. A new film "A Plan for Penn's Land " tells the need and use of soil surveys. These are available for showings without charge through the State Soil and Water Conservation Commission.

Special activities of the Commission include the administration of the state appropriation for the cooperative federal-state soil survey program and support of research with the U. S. Geological Survey to measure the effects of conservation on stream flow and siltation. The Commission acts as the Governor's representative in approving small watershed flood prevention programs under U. S. Public Law 566 and Resource Conservation and Development Projects administered by U.S.D.A.

Steady progress in all areas of the Pennsylvania conservation program has been noted by the Commission. Pennsylvania has a long history marked by good farming practices. Farmers in the commonwealth were among the first to recognize the need for fertilizers, water control and other similar practices designed to stop erosion and maintain the productivity of Pennsylvania's soils.

It is the policy of the Commission to assist local private watershed organizations wherever possible. Applications for assistance under the Watershed Protection and Flood Prevention Act (U. S. Public Law 566) are checked by Commission staff members.

Crop Reporting Service

The Pennsylvania Crop Reporting Service is a cooperative operation of the Pennsylvania Department of Agriculture and the Statistical Reporting Service of the U. S. Department of Agriculture. Its primary function and responsibility is to serve as the fact finding and research agency for both departments.

It is responsible for collecting, analyzing and disseminating agricultural facts for and within the Commonwealth. In addition, the Crop Reporting Service conducts special surveys on production and marketing practices.

Current as well as historic agricultural statistics are essential to many well managed business enterprises. They are useful to farmers, manufacturers, transportation companies, processors, storage facilities operators, research workers and many other allied agricultural interests.

Approximately 15,000 volunteer farm operators serve as the backbone of this agency by supplying timely information from the farm front. Also important is the cooperation given by handlers of farm products, dealers in farm services and supplies, marketing and processing firms, banks and general businesses. With the assistance of all these segments of the agricultural economy, accurate and up-to-date information is readily available on a statewide as well as on a county basis.

Harness Racing Commission

The State Harness Racing Commission has general jurisdiction over Pennsylvania's newest sports activity, pari-mutuel harness racing. It is responsible for licensing corporations, associations and all persons who conduct or participate in harness racing with pari-mutuel wagering.

In the first season of pari-mutuel harness racing in Pennsylvania, in 1963, more than a million people attended three meetings at two tracks with a total of 150 days of racing. The meets were acclaimed for the high quality of racing provided. Several world records were set and many photo finishes attested to the evenly matched contests. The Pennsylvania program also gained recognition for its efficient security measures.

An innovation in racing circles was the introduction of an all-weather track surface at The Meadows in Washington County. The synthetic material is unaffected by weather and permits racing under all conditions.

Indicative of the high calibre of racing was the fact that nine of the first ten horses nominated for the annual "Horse of the Year" award raced in Pennsylvania in 1963. The tenth was not entered because of an oversight.

PENNSYLVANIA AGRICULTURAL ORGANIZATIONS

(With name and address of *Secretary* or *Manager*)

- ATLANTIC BREEDERS COOPERATIVE—David J. Yoder, Harrisburg Pike, Box 254, Lancaster
- *COOPERATIVE G. L. F. EXCHANGE, INC.—R. B. Gervan, G. L. F. Building, Ithaca, N. Y.
- COUNTRY BELLE COOPERATIVE FARMERS—Wendell J. Smith, Butler RD 4
- DAIRYMEN'S COOPERATIVE SALES ASSN.—Homer H. Martz, 451 Century Bldg., Pittsburgh 22
- DAIRYMEN'S LEAGUE COOPERATIVE ASSN., INC.—Lester W. Martin, Milford, N. Y.
- EASTERN MILK PRODUCER'S COOPERATIVE ASSN., INC.—John C. York, Kinne Rd., Syracuse, N. Y.
- EASTERN PENNSYLVANIA PORK PRODUCERS ASSN.—Wellington A. Heister, Sr., Fleetwood RD 3
- *EASTERN STATES FARMERS EXCHANGE, INC.—W. D. Milsop, West Springfield, Massachusetts (Gen. Mgr.)
- FUTURE FARMERS OF AMERICA—Robert Wenger, Quarryville RD 1
- FUTURE HOMEMAKERS OF AMERICA—Rosemary E. Witmer, 12 Cherry St., Pine Grove
- INTER-STATE MILK PRODUCERS' COOPERATIVE—Clara Gallagher, 401 N. Broad St., Philadelphia
- MUSHROOM GROWERS COOPERATIVE ASSN. OF PENNSYLVANIA—Anthony Citino, Box 375, Kennett Square
- PENNSYLVANIA AGRICULTURAL MARKETING COOPERATIVE—Hollis A. Hatfield, 21st & Chestnut Sts., Camp Hill
- PENNSYLVANIA ANGUS ASSN., INC.—Gilbert S. Watts, Box 146, Bellwood
- PENNSYLVANIA ASSN. OF ARTIFICIAL BREEDING COOPERATIVES—J. Lewis Williams, 25 Ridgeview Dr., Uniontown
- PENNSYLVANIA ASSN. OF FARMER COOPERATIVES—Edward B. Vansant, Jr., 103 E. Beaver Ave., State College
- PENNSYLVANIA ASSN. OF SOIL AND WATER CONSERVATION DISTRICT DIRECTORS—Mrs. Sophie Ludwig, Box 191, Milford
- PENNSYLVANIA AYRSHIRE BREEDERS ASSN.—John Reed Rodgers, Belleville RD 1
- PENNSYLVANIA BERKSHIRE BREEDERS ASSN.—Robert Hubler, Lewisburg RD 1
- PENNSYLVANIA CHESTER WHITE SWINE BREEDERS ASSN.—J. Harold Little, 1009 York St., Hanover
- PENNSYLVANIA CHRISTMAS TREE GROWERS ASSN.—A. Roger Tobias, Pine Grove RD 3
- PENNSYLVANIA COOPERATIVE POTATO GROWERS, INC.—Leon Epler, 670 Division St., Harrisburg
- PENNSYLVANIA COOPERATIVE SWINE BREEDERS ASSN.—George E. Cogley, Ronks RD 1
- PENNSYLVANIA CORRIEDALE BREEDERS ASSN.—Aldo Mazero, Box 342, Herminie
- PENNSYLVANIA CROP IMPROVEMENT ASSN., INC.—B. L. Seem, Emmaus
- PENNSYLVANIA DAIRY & ALLIED INDUSTRIES ASSN.—Harold R. McCulloch, 103 Armsby Bldg., University Park
- PENNSYLVANIA DAIRY AND LIVESTOCK HEALTH COMMITTEE—J. Philip Stover, Bellefonte RD 2
- PENNSYLVANIA DAIRY FEDERATION—Robert C. McKinley, 234 S. 22nd St., Philadelphia
- PENNSYLVANIA DAIRY GOAT ASSN.—Mrs. Elva May Wicks, 5291 Richland Rd., Gibsonia
- PENNSYLVANIA DAIRYMEN'S ASSN.—Charles E. Cowan, 2025 Bloomingdale Ave., Lancaster
- PENNSYLVANIA DUROC SWINE BREEDERS ASSN.—Clyde W. McConaughy, Smicksburg
- PENNSYLVANIA EGG MARKETING ASSN.—E. J. Lawless, Jr., 4208B Sussex Dr., Colonial Park, Harrisburg

* Organizations merge July 1, 1964. The new name is Agway, Inc.—E. H. Fallon, Syracuse, N. Y.

PENNSYLVANIA FARM BUREAU COOPERATIVE ASSN.—Robert Leslie, Box 125, Sarver

PENNSYLVANIA FARM BUREAU FEDERATION—Robert Leslie, Box 125, Sarver

PENNSYLVANIA FARM BUREAU MARKETING COOPERATIVE—Earl Brown, Klingers-town RD 1

PENNSYLVANIA FARMERS ASSN.—Hollis A. Hatfield, 21st and Chestnut Sts., Camp Hill

PENNSYLVANIA FLOWER GROWERS—Howard G. Krupp, 50 N. Main St., Chalfont

PENNSYLVANIA FLYING FARMERS ASSN.—Lucille Zettlemoyer, Kutztown RD 2

PENNSYLVANIA FOUNDATION SEED COOPERATIVE—Floyd Imes, Pa. Farm Bureau Co-op., Manheim

PENNSYLVANIA FRUIT MARKETING COOPERATIVE, INC.—Ralph W. Tyson, Gardners

PENNSYLVANIA GUERNSEY BREEDERS ASSN.—William H. Juzi, Bus. Mgr., P.O. Box 458, Camp Hill

PENNSYLVANIA HAMPSHIRE SHEEP ASSN., INC.—Margaret B. Harbster, Man-atawney

PENNSYLVANIA HAMPSHIRE SWINE BREEDERS ASSN.—Ralph Dietz, Palmyra

PENNSYLVANIA HEREFORD BREEDERS ASSN.—Leroy C. Nailor, Jr., Dillsburg RD 3

PENNSYLVANIA HEREFORD SWINE ASSN.—Carroll F. Hunt, Stewartstown

PENNSYLVANIA HOLSTEIN ASSN., INC.—William C. Nichol, 839 Benner Pike, State College

PENNSYLVANIA HORSE AND MULE ASSN.—William S. Cruikshank, Valencia RD 2

PENNSYLVANIA HORSE BREEDERS ASSN.—F. Eugene Dixon, Jr., 514 Land Title Bldg., Philadelphia 10

PENNSYLVANIA HORTICULTURAL COUNCIL—Herman Hellburg, Chalfont

PENNSYLVANIA JERSEY CATTLE CLUB, INC.—Mrs. Jacob M. Brunges, Tunkhan-nock

PENNSYLVANIA LANDRACE SWINE BREEDERS ASSN.—James Z. Martin, Christiana RD 1

PENNSYLVANIA LIVESTOCK & ALLIED INDUSTRIES ASSN., INC.—Spencer G. Nauman, Jr., P.O. Box 361, Harrisburg

PENNSYLVANIA MILKING SHORTHORN SOCIETY—Donald G. Means, Shippensburg, Star Rt. 2

PENNSYLVANIA NURSERYMEN'S ASSN.—Wilbur I. Nisley, Harrisburg RD 1

PENNSYLVANIA NUT GROWERS ASSN.—George G. Weber, 748 S. Queen St., York

PENNSYLVANIA POLAND CHINA BREEDERS ASSN.—Lawrence L. Showers, Milton RD 2

PENNSYLVANIA POLLED HEREFORD ASSN.—Rev. Anselm Orlosky, Holy Trinity Monastery, Butler RD 4

PENNSYLVANIA POULTRY FEDERATION—Mrs. Phylis S. Bethards, 2430 N. 2nd St., Harrisburg

PENNSYLVANIA PUREBRED DAIRY CATTLE ASSN.—William H. Juzi, P.O. Box 458, Camp Hill

PENNSYLVANIA RAW MILK PRODUCER-DISTRIBUTORS' ASSN.—Mrs. J. Louis Baker, Beallsville

PENNSYLVANIA RED CHERRY GROWERS ASSN.—Harold Garretson, Aspers RD 1

PENNSYLVANIA RETAIL FLORISTS—Harold J. Fishbein, P. O. Box 876, State College

PENNSYLVANIA RURAL SAFETY COUNCIL—O. W. Rittenhouse, 1604 N. 2nd St., Harrisburg

PENNSYLVANIA SHEEP AND WOOL GROWERS ASSN.—Stan Gates, Lafayette Hill

PENNSYLVANIA SHORTHORN BREEDERS ASSN.—Fred E. Smalstig, 10 Sherman St., Pittsburgh 9

PENNSYLVANIA SPOTTED POLAND CHINA BREEDERS ASSN.—C. Warren Leininger, Denver RD 2

PENNSYLVANIA STATE BEEKEEPERS ASSN.—Robert Crimbring, Canton RD 1

PENNSYLVANIA STATE BROWN SWISS ASSN.—A. L. Morrison, Jr., 437 Duquesne Dr., Pittsburgh

PENNSYLVANIA STATE GRANGE—O. W. Rittenhouse, 1604 N. 2nd St., Harrisburg

PENNSYLVANIA STATE MAPLE PRODUCERS COUNCIL—Robert McConnell, Couders-port

PENNSYLVANIA STATE UNIVERSITY AGRICULTURAL ADVISORY COUNCIL—Jack R. Grey, 118 South Office Bldg., Harrisburg

PENNSYLVANIA SUFFOLK SHEEP ASSN.—George V. Hunter, Stoneboro RD 2

PENNSYLVANIA VEGETABLE GROWERS ASSN.—Rudy Grob, 2063 Stone Mill Rd., Lancaster
 PENNSYLVANIA YORKSHIRE CLUB—George E. Cogley, Ronks RD 1
 PENNSYLVANIA YOUNG FARMERS ASSN.—Paul B. Kline, Lititz RD 3
 PHILADELPHIA SOCIETY FOR PROMOTING AGRICULTURE—William H. White, 220 S. 16th St., Philadelphia 2
 SOCIETY OF FARM WOMEN OF PENNSYLVANIA—Mrs. LeRoy Bruce, Kennett Square RD 1
 STATE COUNCIL OF FARM ORGANIZATIONS—O. W. Rittenhouse, 1604 N. 2nd St., Harrisburg
 STATE HORTICULTURAL ASSN. OF PENNSYLVANIA—Earl W. Strite, 1000 Strite Rd., Harrisburg
 TURKEY DIVISION, PENNSYLVANIA POULTRY FEDERATION—Andrew Ludwig, Ephrata RD 1

ALLIED ORGANIZATIONS

ATLANTIC DAIRY ASSN.—Clara Gallagher, 401 N. Broad St., Philadelphia
 DAIRY COUNCIL, INC. OF PHILADELPHIA—Robert C. McKinley, 234 S. 22nd St., Philadelphia (Pres.)
 ENTOMOLOGICAL SOCIETY OF PENNSYLVANIA—E. J. Udine, 204 Agr. Education Bldg., University Park
 KEYSTONE BOTTLERS ASSN.—Asa L. Day, 264 Carey Ave., Wilkes-Barre
 KEYSTONE CHAPTER, SOIL CONSERVATION SOCIETY OF AMERICA—Jack C. Davis, 710 Eastmont Dr., Greensburg
 PENNSYLVANIA AGRICULTURAL REPORTERS ASSN.—George A. Van Horn, 4 Armsby Bldg., University Park
 PENNSYLVANIA APPROVED DAIRY LABORATORY DIRECTORS ASSN.—Dr. J. Frank Cone, Borland Laboratory, University Park
 PENNSYLVANIA ASSN. OF MILK DEALERS—Henry R. Geisinger, 303 Telegraph Bldg., Harrisburg (Exec. Vice Pres.)
 PENNSYLVANIA BAKERS ASSN.—Theo. Staab, 600 N. 3rd St., Harrisburg
 PENNSYLVANIA CANNERS AND FOOD PROCESSORS ASSN.—Miss R. M. Mears, 25 N. Duke St., York
 PENNSYLVANIA CHAIN STORE COUNCIL—John F. McNelis, Jr., 619 Penn Square Bldg., Philadelphia 7
 PENNSYLVANIA COUNTY AGENTS ASSN.—Lyle A. Carter, 285 Jefferson Ave., Washington
 PENNSYLVANIA FARMERS MILK JUGGING ASSN., INC.—Robert Holdson, West Springfield
 PENNSYLVANIA FOOD MERCHANTS ASSN.—Albert P. Vicks, Box 1144, Erie (Ex. Dir.)
 PENNSYLVANIA FUR BREEDERS ASSN.—Mrs. Louise K. Westrick, 1024 Menoher Blvd., Johnstown
 PENNSYLVANIA GRASSLAND COUNCIL—Charles M. Wolgemuth, Milton Hershey Farms, Hershey
 PENNSYLVANIA GROCERS ASSN.—William A. Hubbs, Jr., 3701 N. Broad St., Philadelphia 40
 PENNSYLVANIA HOME DEMONSTRATION AGENTS ASSN.—Urania Belle Linn, Courthouse, Franklin
 PENNSYLVANIA LIVESTOCK AUCTION ASSN., INC.—John Gingrich, New Holland
 PENNSYLVANIA MEAT PACKERS ASSN.—E. R. Habersett, Media
 PENNSYLVANIA MILLERS AND FEED DEALERS ASSN.—Donald W. Parke, 119 E. Main St., Ephrata
 PENNSYLVANIA PLANT FOOD EDUCATIONAL SOCIETY, INC.—Robert J. Thomas, 302 Armsby Bldg., University Park
 PENNSYLVANIA POULTRY PROCESSORS ASSN.—E. J. Lawless, Jr., 4208B Sussex Dr., Colonial Park, Harrisburg
 PENNSYLVANIA RETAIL FARM AND INDUSTRIAL EQUIPMENT ASSN.—Robert F. Hartford, 2nd Ave. & White Horse Rd., Phoenixville

PENNSYLVANIA SECTION, AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS—Paul M. Anderson, 209 Agr. Engineering Bldg., University Park

PENNSYLVANIA SEEDSMEN'S ASSN.—Charles C. Abbott, 701 S. Front St., Philadelphia 47

PENNSYLVANIA STATE ASSN. OF COUNTY COMMISSIONERS—James A. Green, Court House, Butler

PENNSYLVANIA STATE ASSN. OF COUNTY FAIRS—Wm. Arthur Morris, 2924 N. 5th St. Highway, Reading

PENNSYLVANIA STATE ASSN. OF TOWNSHIP SUPERVISORS—Milton DeLancey, 1939 N. 2nd St., Harrisburg

PENNSYLVANIA STATE BANKERS ASSN., COMMITTEE ON AGRICULTURE—Belden L. Daniels, 23 N. Front St., Harrisburg

PENNSYLVANIA VETERINARY MEDICAL ASSN.—Dr. Palace H. Seitz, Box 403, Harrisburg

PENNSYLVANIA VOCATIONAL AGRICULTURE TEACHERS ASSN.—William C. Downs, Box 55, Hunkers RD 1

PITTSBURGH DISTRICT DAIRY COUNCIL—Walter J. Clouse, 217 N. Craig St., Pittsburgh 13

COUNTY SOIL AND WATER CONSERVATION DISTRICT SECRETARIES

County

ADAMS	W. Clayton Jester, RD 2, Biglerville
ALLEGHENY	Eugene Coyne, SCS Office, P.O. Bldg., Pittsburgh
ARMSTRONG	A. W. Wilson, RD 5, Kittanning
BEAVER	Glenn Dodds, Beaver Trust Co., Beaver
BEDFORD	Loren R. Brown, Professional Bldg., Bedford
BERKS	Mrs. Anna Kauffman, Leesport
BRADFORD	Edward H. Windle, Jr., P.O. Bldg., Towanda
BUCKS	Lester Crouse, RD 1, Riegelsville
BUTLER	W. H. McCune, Court House, Butler
CAMBRIA	Miss Margaret Brown, Court House, Ebensburg
CARBON	Leroy Faust, RD 1, Weatherly
CENTRE	Richard E. Luse, RD, Centre Hall
CHESTER	Robert G. Struble, 405 F&M Bldg., West Chester
CLARION	Robert A. Hartman, RD 1, New Bethlehem
CLEARFIELD	Homer Matt, RD 1, Mahaffey
CLINTON	Mrs. Phoebe Fox, 211 Henderson St., Lock Haven
COLUMBIA	Paul W. Shultz, RD 1, Bloomsburg
CRAWFORD	James Dunn, Committee Room, Court House, Meadville
CUMBERLAND	Donald Deckman, RD 2, Mechanicsburg
DAUPHIN	George Moore, 646 Center St., Millersburg
ELK	(To be appointed)
ERIE	Robert Harwood, RD 2, Wattsburg
FAYETTE	Mrs. Jacob Cover, RD 2, Smithfield
FRANKLIN	Dale L. Brindle, Courthouse, Chambersburg
FULTON	Fred Thomas, SCS Office, Washabaugh Bldg., McConnellsburg
GREENE	Arthur Biddle, RD 1, Carmichaels
HUNTINGDON	Donald C. Broadbent, RD, Alexandria
INDIANA	Robert H. Nehrig, RD 2, Homer City
JEFFERSON	George Miller, R.D. 1, Brockway
JUNIATA	John Kline, RD, Mifflintown
LACKAWANNA	Thomas Snyder, RD 1, Jermyn
LANCASTER	H. E. Givler, East Brook Rd., RD 1, Ronks
LAWRENCE	Arthur Wilson, RD 3, Volant
LEBANON	Mrs. Margaret B. Lux, RD 5, Lebanon
LEHIGH	John Grise, RD 2, Coopersburg

LUZERNE	Ernest S. Young, 347 E. Noble St., Nanticoke
LYCOMING	Joseph Sick, RD 1, Montoursville
McKEAN	Mrs. Kay Burford, 29 Center St., Smethport
MERCER	James R. Ellenberger, Box 3, Clark
MIFFLIN	Clyde W. Krepps, RD 1, McVeytown
MONROE	Raymond Alleger, RD 3, East Stroudsburg
MONTGOMERY	Paul Felton, 37 Crawford Rd., Audubon
MONTOUR	John Robb, RD 1, Turbotville
NORTHAMPTON	Richard A. Heil, Court House, Easton
NORTHUMBERLAND	Eugene Meckley, RD 1, Herndon
PERRY	John E. Johnson, RD 1, Landisburg
PIKE	Mrs. Sophie Ludwig, Box 191, Milford
POTTER	Henry W. Staiger, Coudersport
SCHUYLKILL	Byron A. Breisch, Ringtown
SNYDER	Albert B. Drumheller, RD, Middleburg
SOMERSET	Warren K. Hay, RD 6, Somerset
SULLIVAN	Carl D. Molyneux, RD 1, Forksville
SUSQUEHANNA	G. Max Noll, 2 Church St., Montrose
TIOGA	Mary Ellen Snyder, Court House, Wellsboro
UNION	Robert B. Holman, RD 1, Mifflinburg
VENANGO	Harry F. Fowler, Court House, Franklin
WARREN	J. R. Reddcliff, 100 Lansing St., North Warren
WASHINGTON	William Hutchinson, 335 Jefferson Ave., Washington
WAYNE	Lester Perry, Star Route, Seelyville
WESTMORELAND	Ford M. Frank, So. Huntingdon Twp. School, Ruffsdale
WYOMING	Raynold Wilson, Mehoopany
YORK	Thomas M. Malin, County Supt. of Schools Office, York

AMERICAN BREED RECORD ASSOCIATIONS

(Names and Headquarters Addresses of Associations)

HORSES

DRAFT BREEDS

- AMERICAN CREAM DRAFT HORSE ASSOCIATION—Hubbard, Iowa
- AMERICAN SHIRE HORSE ASSOCIATION—P.O. Box 132, Station A., Ames, Iowa
- AMERICAN SUFFOLK ASSOCIATION—Clinton, N. J.
- BELGIAN DRAFT HORSE CORP. OF AMERICA—P.O. Box 335, 282 S. Wabash St., Wabash, Ind.
- CLYDESDALE BREEDERS' ASSOCIATION OF THE U.S.—Batavia, Iowa
- PERCHERON HORSE ASSOCIATION OF AMERICA—Box 101, RD 1, Fair Oaks, Ind.
- STANDARD JACK AND JENNY REGISTRY—c/o Sugarloaf Farm, Lexington RD 2, Ky.

LIGHT BREEDS

- AMERICAN ALBINO HORSE CLUB—Naper, Neb.
- AMERICAN HACKNEY HORSE SOCIETY—11 Park Place, New York 7, N. Y.
- AMERICAN QUARTER HORSE ASSOCIATION—P.O. Box 271, Amarillo, Texas
- AMERICAN SADDLE HORSE BREEDERS' ASSOCIATION—929 S. 4th St., Louisville 3, Ky.
- AMERICAN SHETLAND PONY CLUB—Box 1250, Lafayette, Ind.
- APPALOOSA HORSE CLUB—Box 640, Moscow, Idaho
- THE ARABIAN HORSE CLUB REGISTRY OF AMERICA—120 S. LaSalle St., Chicago 3, Ill.
- CLEVELAND BAY ASSOCIATION—A. Mackey Smith, White Post, Va.
- THE JOCKEY CLUB—300 Park Ave., New York 22, N. Y.
- THE MORGAN HORSE CLUB—P.O. Box 2157, Bishop's Corner Branch, West Hartford 17, Conn.

MOROCCO SPOTTED HORSE CO-OP. ASSN. OF AMERICA—Greenfield, Iowa
 PALOMINO HORSE ASSN.—22049 Devonshire St., Chatsworth, Calif.
 PALOMINO HORSE BREEDERS OF AMERICA, INC.—P.O. Box 249, Mineral Wells,
 Texas
 UNITED STATES TROTTING ASSOCIATION—750 Michigan Ave., Columbus, Ohio
 WALKING HORSE BREEDERS' ASSOCIATION OF AMERICA—P.O. Box 87, Lewisburg,
 Tenn.
 WELSH PONY AND COB SOCIETY OF AMERICA—Edwardsville, Va.

BEEF AND DUAL-PURPOSE CATTLE

AMERICAN ANGUS ASSOCIATION—3201 Frederick Blvd., St. Joseph, Mo.
 AMERICAN BELTED GALLOWAY CATTLE BREEDERS' ASSN.—South Fork Station, West
 Plains, Mo.
 AMERICAN BRAHMAN BREEDERS' ASSOCIATION—4815 Gulf Freeway, Houston 23,
 Texas
 AMERICAN BRANGUS BREEDERS' ASSOCIATION—908 Livestock Exch. Bldg., Kansas
 City 2, Mo.
 AMERICAN CHARBRAY BREEDERS' ASSN.—475 Texas Natl. Bank Bldg., Houston 2,
 Texas
 THE AMERICAN DEVON CATTLE CLUB—704 Suffield St., Agawam, Mass.
 AMERICAN GALLOWAY BREEDERS' ASSOCIATION—Box 1011, Denver, Colo.
 AMERICAN HEREFORD ASSOCIATION—Hereford Drive, Kansas City, Mo.
 AMERICAN INTERNATIONAL CHAROLAISE ASSN.—923 Lincoln Liberty Life Bldg.,
 Houston 2, Texas
 AMERICAN KERRY AND DEXTER CLUB—707 W. Water St., Decorah, Iowa
 AMERICAN MILKING SHORTHORN SOCIETY—909 Exchange Bldg., Omaha 7, Neb.
 AMERICAN POLLED HEREFORD BREEDERS' ASSOCIATION—4700 E. 63rd St., Trwfy.,
 Kansas City, Mo.
 AMERICAN SCOTCH HIGHLAND BREEDERS' ASSOCIATION—Box 746, Edgemont, S. D.
 AMERICAN SHORTHORN BREEDERS' ASSOCIATION—Livestock Exch. Bldg., Omaha 7,
 Neb.
 RED ANGUS ASSOCIATION OF AMERICA—Box 827, Guthrie, Okla.
 RED POLLED CATTLE CLUB OF AMERICA—3275 Holdredge St., Lincoln 3, Neb.
 SANTA GERTRUDIS BREEDERS' ASSOCIATION—P.O. Box 1373, Kingsville, Texas

SWINE

AMERICAN BERKSHIRE ASSOCIATION—601 W. Monroe St., Springfield, Ill.
 AMERICAN LANDRACE ASSOCIATION—Noblesville, Ind.
 AMERICAN YORKSHIRE CLUB—1001 South St., Lafayette, Ind.
 CHESTER WHITE SWINE RECORD ASSOCIATION—116 E. 8th St., Rochester, Ind.
 THE HAMPSHIRE SWINE REGISTRY—1111 Main St., Peoria, Ill.
 INBREED LIVESTOCK REGISTRY ASSN.—3956 Minnehaha Ave., Minneapolis 6, Minn.
 KY. RED BERKSHIRE SWINE RECORD ASSN.—303 Stanford St., Lancaster, Ky.
 NATIONAL HEREFORD HOG RECORD ASSOCIATION—Milo, Iowa
 OIC SWINE BREEDERS' ASSOCIATION—Greencastle, Ind.
 THE POLAND CHINA RECORD ASSOCIATION—501 E. Losey St., Galesburg, Ill.
 SPOTTED RECORD ASSOCIATION—Bainbridge, Ind.
 TAMWORTH SWINE ASSOCIATION—Evansville, Ind.
 UNITED DUROC RECORD ASSOCIATION—Duroc Bldg., 239 N. Monroe St., Peoria 3, Ill.
 WESSEX SADDLEBACK ASSOCIATION—4010 Clinton Ave., Des Moines 10, Iowa

SHEEP

- AMERICAN AND DELAINE MERINO RECORD ASSOCIATION—4000 Water St., Wheeling, W. Va.
AMERICAN CHEVIOT SOCIETY, INC.—5051 Flourtown Rd., Lafayette Hill, Penna.
AMERICAN CORRIEDALE ASSOCIATION—108 Parkhill Ave., Columbus, Mo.
AMERICAN COTSWOLD RECORD ASSOCIATION—Sigel, Ill.
AMERICAN HAMPSHIRE SHEEP ASSOCIATION—Box 7, Stuart, Iowa
AMERICAN OXFORD DOWN RECORD ASSOCIATION—Eaton Rapids, Michigan
AMERICAN PANAMA REGISTRY ASSOCIATION—Rupert RD 2, Idaho
AMERICAN RAMBOUILLET SHEEP BREEDERS' ASSOCIATION—2709 Sherwood Way, San Angelo, Texas
AMERICAN ROMNEY BREEDERS' ASSOCIATION—212 Wittycombe Hall, Corvallis, Oregon
AMERICAN SHROPSHIRE REGISTRY ASSOCIATION—Box 678, Lafayette, Ind.
AMERICAN SOUTHDOWN BREEDERS' ASSOCIATION—212 South Allen St., State College, Penna.
AMERICAN SUFFOLK SHEEP SOCIETY—University of Idaho, Box 226, Moscow, Idaho
BLACK-TOP & NATL. DELAINE MERINO SHEEP ASSN.—23 W. Pitt St., Canonsburg, Penna.
BLACK-TOP DELAINE MERINO SHEEP BREEDERS' ASSN.—Howell RD 4, Mich.
COLUMBIA SHEEP BREEDERS' ASSOCIATION—P.O. Box 802, Fort Collins, Colo.
CONTINENTAL DORSET CLUB—Box 217, Hickory, Penna.
KARAKUL FUR SHEEP REGISTRY—Fabius, N. Y.
MONTADALE SHEEP BREEDERS' ASSOCIATION—61 Angelica St., St. Louis 7, Mo.
NATIONAL LINCOLN SHEEP BREEDERS' ASSOCIATION—West Milton RD 1, Ohio
NATIONAL SUFFOLK SHEEP ASSOCIATION—P.O. Box 324, Columbia, Mo.
NATL. TUNIS SHEEP REGISTRY—106 Liberty St., Bath, N. Y.
TEXAS DELAINE MERINO RECORD ASSOCIATION—Burnet RD 1, Texas
UNITED KARAKUL REGISTRY—408 E. Maple St., Glendale 8, Calif.

DAIRY CATTLE

- THE AMERICAN DAIRY CATTLE CLUB—Interlaken, N. Y.
THE AMERICAN GUERNSEY CATTLE CLUB—Peterborough, N. H.
THE AMERICAN JERSEY CATTLE CLUB—1521 E. Broad St., Columbus 5, Ohio
THE AYRSHIRE BREEDERS' ASSOCIATION—Brandon, Vt.
THE BROWN SWISS CATTLE BREEDERS' ASSN. OF AMERICA—Beloit, Wis.
THE DUTCH BELTED CATTLE ASSOCIATION OF AMERICA—Manteno, Ill.
THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA—Brattleboro, Vt.
HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA—Brantford, Ontario
HOLSTEIN-FRIESIAN REGISTRY ASSOCIATION, INC.—201 State St., Harrisburg, Penna.
THE MILKING SHORTHORN SOCIETY—313 S. Glenstone Ave., Springfield 4, Mo.

GOATS

- AMERICAN ANGORA GOAT BREEDERS' ASSOCIATION—P.O. Box 195, Rocksprings, Texas
AMERICAN GOAT SOCIETY, INC.—7900 E. 66th St., Kansas City, Mo.
AMERICAN MILK GOAT RECORD ASSOCIATION—P.O. Box 68, Bostic, N. C.

COUNTY AGRICULTURAL ORGANIZATIONS

ADAMS COUNTY

Organization	Name and Address of Secretary
Adams County Fair, Inc.	Miss Mary E. Elder, Abbottstown
Adams County Farmers' Assn.	Calvin Bream, Gettysburg RD 3
Adams County Fruit Growers Assn. ...	Richard Slaybaugh, Biglerville RD 1
Adams County Holstein Breeders	Adam Lobaugh, Aspers RD 1
Adams County Poultry Federation	Carl Seifrit Box 162, Gettysburg
Adams Electric Cooperative, Inc.	John Kershaw, Gettysburg (Mgr)
Adams Farm Bureau Co-op. Assn.	Howard Schwartz, Littlestown RD 1
Cooperative Fruit Growers	Everett Weiser, York Springs RD 1
Farm Loan Assn.	Kenneth F. Miller, 146 York St., Gettysburg
Knouse Foods Co-op.	A. E. Rice, 135 West Broadway, Gettysburg
Society of Farm Women	Mrs. Richard Tostes, Gardners RD 1
South Mountain Fair Assn.	Wayne R. Criswell, Arendtsville

ALLEGHENY COUNTY

Allegheny County Division, Women's National Farm and Garden	Mrs. H. O. Baldauf, 317 Goldsmith Rd., Pittsburgh—15237
Allegheny County Fair Assn.	Miss Betty Colosimo, 411 Courthouse, Pittsburgh—15219
Beekeepers' Assn.	Mrs. Wayne Horton, Box 522, California Ave., Turtle Creek—15145
City Farmers' Club	Knox Bassett, Dravo Bldg., 5th & Lib- erty Sts., Pittsburgh—15222
Fruit & Vegetable Growers' Assn.	Eugene H. Schramm, 7410 McKnight Rd., Pittsburgh—15237
Golf Course Superintendents Assn. of Western Pennsylvania	James Sinclair, Irwin
Men's Garden Club of Pittsburgh	S. H. Klinginsmith, Box 270 Saxonburg Blvd., Pittsburgh—15215
Pittsburgh Dairy Goat Assn.	Mrs. Frank Guzell, Box 39A, Canonsburg RD 1
Pomona Grange	Mrs. R. J. Cooper, Gibsonia RD 1—15044
W. Pa. Flower Growers	Louis Helbling, c/o L. Hahn & Son, Babcock Blvd., Pittsburgh—15209
W. Pa. Nurserymen's Assn.	Frank Curto, Phipps Conservatory, Schenley Park, Pittsburgh—15213

ARMSTRONG COUNTY

Agricultural Forum of Armstrong Coun- ty	Paul Snyder, Ferne Dr., Kittanning
Armstrong Co. Farmers Assn.	George Rumbaugh, Dayton
Armstrong County Holstein Club	John Filippini, Avonmore RD 1
Armstrong Farm Bureau Co-op. Assn. ..	Carl Williams, Jr., Ford City RD 2
Dayton Agr. & Mech. Assn.	Mrs. Shirley Huff, Dayton
Farm Loan Assn.	Leroy Miller, 310 Butler Co. Nat. Bank Bldg., Butler
Pomona Grange	Don McCullough, Karns City RD 2
Sheep & Wool Growers' Co-op.	Chahner H. Gould, Kittanning RD 7

BEAVER COUNTY

Beaver Co. Co-operative Assn.	A. T. Anderson, Box 66, Beaver
Farm Loan Assn.	LeRoy Miller, 804 Turnpike St., Beaver
Pomona Grange	Miss Mary Jordan, 401 Pleasant Dr., Aliquippa

BEDFORD COUNTY

Organization	Name and Address of Secretary
Bedford Co. Allied Milk Producers' Co-op.	Ralph N. Miller, New Paris
Bedford Co. Farmers Assn.	Ellis Sollenberger, Clearville RD 1
Bedford Co. Garden Club	Mrs. John R. Blackburn, Jr., Juliana Heights, Bedford
Bedford Farm Bureau Co-op.	Blair Dilbert, Everett RD 1
Bedford Holstein Club	Paul Showalter, Imler RD 1
Bedford Rural Electric Co-op., Inc.	Perry G. Wilson, Bedford (Mgr.)
Fair Association	Mrs. Richard Eichelberger, Bedford
Jersey Cattle Club	Robert Diehl, Manns Choice
New Enterprise Electric Co-op.	Lawrence Guyer, New Enterprise
Pomona Grange	Mrs. Mary Taylor, Schellsburg
So. Central Pa. Beef Producers' Assn. ...	John Harelerode, Bedford RD 2

BERKS COUNTY

Beekeepers' Assn.	Daniel E. Reed, Shoemakersville RD 1
Berks Co. Dairy Farmers' Assn.	Leroy Howard, Oley RD 1
Berks Co. Farm Bureau Co-op. Assn. ...	Paul Keeney, Rehrersburg
Berks Co. Farmers' Assn.	Ellis R. Kunkel, Kempton RD 2
Berks County Poultry Assn.	Mrs. Russell Latshaw, Star Rte., Barto
Berks Co. Swine Producers' Assn.	Wellington Hiester, Fleetwood RD 2
Berks Implement Dealers	Clyde Reinert, Berks Co. Trust Co. Reading
Berks-Lehigh Fruit Growers' Co-op. ...	John R. Mengel, Leesport
Christmas Tree Growers' Assn.	John Koch, Mohnton RD 1
Fair Association	Wm. Arthur Morris, 2924 N. 5th St., Reading
Farm Credit Assn.	John Younker, Jr., 226 N. 6th Street, Reading
Fruit Growers' Assn.	Aaron Ebling, Jr., Reading RD 2
Holstein Breeders' Assn.	John Riegel, Sinking Springs RD 1
Pomona Grange	Albert Bieber, Fleetwood RD 3
Society of Farm Women	Mrs. Fern Kulp, Boyertown RD 3
Wool Growers' Assn.	Luther Shucker, Fleetwood RD 2

BLAIR COUNTY

Blair County Beekeepers' Assn.	John Despot, Hollidaysburg RD 2
Blair County Farmers' Assn.	Donald Brumbaugh, Martinsburg RD
Blair Co. Holstein Breeders	David Hileman, Tyrone RD 1
Central Guernsey Breeders	Robert Smith, Bedford RD 2
Cove Farm Bureau Co-op. Assn.	W. H. Russell, Sr., Woodbury RD 1
Fruit Growers' Assn.	Wade Mattern, 300 Union St., Hollidaysburg
National Farm Loan Assn.	Robert L. Ackers, Hollidaysburg
Pomona Grange	Mrs. Margaret Reese, Tyrone RD
Sheep and Wool Growers' Assn.	Ross Burket, Tyrone RD 1

BRADFORD COUNTY

Bradco Egg Producers' Co-operative ...	Miss Florence Frawley, 211 Main St., Towanda
Bradford Co. Beekeepers Assn.	Robert Crimbring, Canton
Bradford Co. Farmers' Assn.	Walter Kolaga, Nichols RD 2, N. Y.
Claverack Electric Co-op., Inc.	J. L. Hubbard, Towanda (Mgr.)
Cooperative Holstein-Friesian Assn.	Leon Ballard, Troy RD 3
Co-op Sheep & Wool Growers' Assn. ...	A. E. Drake, Towanda RD 5
East Bradford Artificial Breeding Co-op.	U. M. Holmes, Wysox RD 1

BRADFORD COUNTY—Continued

Organization	Name and Address of Secretary
Endless Mts. Maple Syrup Producers Assn.	Harold Rose, New Milford
Guernsey Breeders' Assn.	Mrs. Scott Jackson, Columbia Crossroads RD 2
Jersey Breeders' Assn.	Claude S. Gorham, LeRaysville
Pomona Grange	Mrs. O. L. Fish, Towanda RD 5
West. Bradford Artificial Breeding Co-op.	Merle Bacon, Towanday RD

BUCKS COUNTY

Bucks County Farmers' Assn.	Mrs. Elliott Myers, Bird School Rd., Ottsville
Bucks Co. Poultry Assn.	Stephen Ferdo, 145 S. Shady Retreat Rd., Doylestown
Bucks-Montgomery Co-op. Wool Pool ..	Mrs. R. Moerman, Admin. Bldg., Doylestown
Delaware Valley Milk Goat Assn.	Mr. William T. Grace, Ivyland RD
Farm Loan Assn.	Herbert Kratz, Broad Street, Doylestown
Fruit Growers' Assn.	Lloyd Ott, Ottsville
Guernsey Breeders Assn.	Mrs. H. Eastburn, Smith, Box 253, New Hope RD 2
Holstein Assn.	Thomas VanSant, Doylestown RD 3
Jersey Cattle Club	Wesley Trumbauer, Hopwood Rd., Collegeville RD 2
Keystone Vegetable Growers' Co-op. ..	Bradford Snipes, Morrisville RD 1
Lower Bucks County Pomona Grange ..	Mrs. Ivin Smith, New Hope RD 2
Montgomery-Bucks Farm Bureau Co-operative Assn.	Allen Kriebel, North Wales
Philadelphia Vegetable Growers	Elmer Myers, 1745 Park Ave., Cornwells Heights
Producers Co-operative Assn.	Lester Brinker, Doylestown
Upper Bucks County Pomona Grange ..	Mrs. J. Wm. Andre, Riegelsville RD 1

BUTLER COUNTY

Associated Milk Producers and Handlers	Dale Fleming, 234 Cecelia St., Butler
Butler Co. Farm Bureau Co-op. Assn. ..	Alvin Meyers, Box 172, Sarver RD 1
Butler Co. Farmers' Assn.	Donald Crummy, Valencia RD 2
Butler Co. Holstein Breeders' Assn. ...	David Wise, Harmony RD 1
Butler Fair Assn.	Dale Fleming, 234 Cecelia St., Butler
Butler Farm Show, Inc.	John Graham, Holyoke Road, Butler, RD 1
Butler Farmers' Market	Robert Hemmerlin, Portersville
Butler-Lawrence Co. Guernsey Breeders Assn.	James Trotter, Rochester RD 1
Country Belle Co-operative Farmers	Wendell Smith, Butler RD 4
Farm Loan Assn. and Butler Production Credit Assn.	LeeRoy Miller, 210 Mellon Bank Bldg., Butler
Northwestern Pa. Hereford Breeders Assn.	Rev. Fr. Anselm Orlosky, Holy Trinity Monastery, Butler RD 4
Pomona Grange	Mrs. Carl Bortmas, Butler RD 5
Potato Growers' Assn.	LeeRoy Miller, 210 Mellon Bank Bldg., Butler

CAMBRIA COUNTY

Organization	Name and Address of Secretary
Cambria County Holstein Club	Theo. Mainhart, Portage RD
Cambria Farm Bureau Co-op. Assn.	E. J. Westrick, Carrolltown
Pomona Grange	Mrs. Carl Durbin, Patton RD
Society of Farm Women	Mrs. Walter Kohler, 108 Kohler St., Johnstown

CAMERON COUNTY

(None)

CARBON COUNTY

Carbon Co. Agricultural Assn.	Grant Bossard, 1001 Mahoning St., Le- highton
Cooperative Potato Growers' Assn.	Norman Strohl, Lehighton RD 3
Pomona Grange	Miss Carolyn Beck, Lehighton RD 1

CENTRE COUNTY

Beekeepers' Assn.	Robert Barr, Port Matilda, RD
Central Pa. Livestock Co-op.	James Connor, Salona
Centre-Clearfield Co-op. Council	Wayne Keener, Boalsburg
Centre Co. Agricultural Forum	Dean Tressler, Bellefonte RD 2
Centre County Farmers' Assn.	William Everhart, State College RD
Centre County Goat Assn.	Frank Glenn, Lemont
Centre Farm Bureau Co-op. Assn.	John A. Decker, Howard RD
Holstein Breeders' Assn.	Mrs. Gladys Rearick, Millheim
Pomona Grange	Mrs. Joseph H. Owens, 323 S. Main St., Pleasant Gap
Sheep and Wool Growers' Assn.	H. Malcolm Musser, Bellefonte RD 1

CHESTER COUNTY

American Mushroom Institute	William Lane, West Winfield
Ayrshire Breeders' Assn.	Susan Young, Box 246, West Grove
Chester Co. Beekeepers' Assn.	John M. Wetherill, Box 150, Glen Mills RD 1
Chester Co. Farmers' Assn.	John F. Styer, Jr., Cochranville RD 2
Chester Co. Flower Growers' Assn.	Frank P. Walton, Kennett Square RD 1
Chester-Delaware Counties Fruit Grow- ers Assn.	Robert H. Hodge, West Chester, RD 4
Chester-Delaware Co. Poultry Assn.	Harry W. Adams, Monacy Rd., Coates- ville
Chester-Delaware Farm Bureau Cooper- ative Assn.	Gordon P. Jones, Avondale RD 1
Chester-Delaware Pomona Grange	Mrs. William Yarnall, 2403 Allendale Rd., Oak Lane Manor, Wilmington, Del. 19803
Farm Loan Assn.	Herbert E. Kratz, 305 Farmers' & Me- chanics Bldg., West Chester
Guernsey Breeders' Assn.	Frank Le Patourel, West Grove RD 1
Holstein-Friesian Assn.	Earl L. Umble, Atglen RD 1
Jersey Cattle Club	Mildred Seeds, Downingtown RD 2
Middle Atlantic Carnation Growers	Irvin W. Allott, 159 N. Chester Rd., West Chester
Mushroom Growers' Co-op. Assn. of Lancaster, Pa.	Anthony Citino, Birch St., Kennett Sq.
Producers' Cooperative Exchange	H. Raymond Stoner, 1051 Eden Rd., Lancaster
Society of Farm Women	Mrs. Theodore Mathias, Oxford RD 3

CLARION COUNTY

Organization	Name and Address of Secretary
Central Electric Co-op., Inc.	William McKinley, Parker (Mgr.)
Clarion Co. Farm Bureau Co-op. Assn. ..	Dale H. Rhoads, Emlenton RD 1
Clarion Co. Holstein Breeders' Assn. ...	Paul Kirkpatrick, New Bethlehem RD 1
Clarion Co. Poultry Assn.	Ernest Rhoads, Fairmount City RD 1
Farm Loan Assn.	Donald Rough, Mellon Bank, Butler
Guernsey Breeders' Assn.	J. P. Moggv, Sligo RD
Pomona Grange	Mrs. C. R. Wassum, Curllsville
Sheep and Wool Growers' Assn.	Mark Stahlman, Fairmount City RD 1

CLEARFIELD COUNTY

Beekeepers' Assn.	George Lucas, Irvona
Clearfield County Agricultural Society ..	E. Clair Davis, 1008 Old Town Rd., Clearfield
Clearfield Co. Milk Producers Assn.	Elmer Lezzer, Curwensville
Clearfield County Poultry and Egg Pro- ducers Assn.	Albert C. Hayes, Luthersburg
Clearfield Electric Co-op., Inc.	J. Riley Fulmer, Jr., Clearfield (Mgr.)
Pomona Grange	Mrs. Dorothy Wall, Grampian

CLINTON COUNTY

Clinton Co. Holstein Breeders' Assn. ..	Doyle Heltman, Mill Hall RD
Farm Loan Assn.	Hervey S. Dershem, Lewisburg
Pomona Grange	Mrs. Glenn Muthler, Beach Creek RD
Tobacco Growers' Assn.	Hans Fritz, Lock Haven

COLUMBIA COUNTY

Berwick Vegetable Co-op.	Fred Wright, 515 Northampton St., Kingston
Columbia County Fair Assn.	Dan Kressler, Bloomsburg RD 1
Columbia Co. Farmers' Assn.	Hanley Gassert, Bloomsburg RD 3
Guernsey Breeders' Assn.	Glenn Seely, Bloomsburg RD 2
Luco Artificial Breeding Co-op.	Ario Everett, Berwick
Pomona Grange	Mrs. Ruth Culver, Shickshinny RD 1

CRAWFORD COUNTY

Beekeepers' Assn.	Mrs. Ralph Spring, Meadville RD 1
Christmas Tree Growers' Assn.	Miss Genevieve Cotton, Meadville RD 4
Cochranton Co-operative Assn.	Russell W. Mook, Mgr., Cochranton
Crawford Co. Farmers' Assn.	Mrs. Ralph Hummer, Titusville RD 1
Farm Loan Assn.	Norman Rough, Masonic Bldg., Mead- ville
Holstein-Friesian Assn.	Marlowe Wilhelm, Centerville RD 2
Meadville Co-op. Assn.	Arthur Wykoff, 191 Mercer St., Mead- ville
Northwestern Rural Electric Co-op., Inc.	William Wenner, Cambridge Springs (Mgr.)
N. W. Penna. Wool Growers' Assn.	H. T. Miles, Titusville RD 3
Pomona Grange	Mrs. Donald J. Pier, Spartansburg RD 3

CUMBERLAND COUNTY

Carlisle Fair Assn.	H. Eugene Sheely, 176 Glendale St., Car- lisle
Carlisle Production Credit Assn.	Robert E. Stover, 145 S. Duke St., York
Cooperative Wool Growers' Assn.	George H. VanWagner, Dauphin RD 1

CUMBERLAND COUNTY—Continued

Organization	Name and Address of Secretary
Cumberland County Farmers' Assn.	Donald Thrush, Shippensburg RD 1
Cumberland Farm Bureau Co-op.	Willard Fought, Mechanicsburg RD 2
Cumberland Valley Co-op. Assn.	Walter C. Nickles, Shippensburg
Farm Loan Assn.	Kenneth F. Miller, 145 S. Duke St., York
Guernsey Breeders Assn.	George Strock, Mechanicsburg RD 2
Holstein-Friesian Assn.	Creedin Cornman, Carlisle RD 6
Jersey Assn.	Meryl H. Sheaffer, Carlisle RD 4
Pomona Grange	Mrs. Lynn Frick, Carlisle RD 5
Shippensburg Fair Assn.	H. Glenn Smith, Box 202, Shippensburg
Society of Farm Women	Mrs. Clyde Strock, Mechanicsburg RD 2

DAUPHIN COUNTY

Beekeepers' Assn.	John Howard, Hummelstown RD 1
Dauphin Co. Farmers' Assn.	Harry Ulrich, Harrisburg RD 3
Farm Loan Assn.	Carl Brown, 411 W. Roseville Rd., Lan-
Gratz Fair Assn.	Gilbert Koppenhaver, Gratz caster
Holstein Assn.	Paul Miller, Linglestown RD 1
Pomona Grange	Mrs. Gladys Whitaker, Halifax RD 2
Production Credit Assn.	Carl Brown, 411 W. Roseville Rd., Lan-
	caster
Society of Farm Women	Mrs. Robert Mills, Grantville RD 1

DELAWARE COUNTY

Chester-Delaware Counties Fruit Grow-	
ers' Assn.	Robert H. Hodge, West Chester RD 4
Chester-Delaware Farm Bureau Co-oper-	
ative Assn.	Gordon P. Jones, Avondale RD 1
Chester-Delaware Pomona Grange	Mrs. William Yarnall, 2403 Allendale Rd., Oak Lane Manor, Wilmington, Del. 19803
Chester-Delaware Poultry Assn.	Harry W. Adams, Monacy Rd., Coates- ville
Delaware Co. Florists' Assn.	Robert D. Cole, Jr., 1116 McDade Blvd., Collingdale

ELK COUNTY

Pomona Grange	Mrs. George Haupricht, Jr., Dills Settle- ment, Johnsonburg RD
Potato Growers' Assn.	E. E. Schmiedel, Ridgway, Star Rt.

ERIE COUNTY

Erie Co. Fair Assn.	Harry Burrows, Wattsburg RD 2
Erie Co. Farmers' Assn.	Kenneth Gety, Lake City
Erie Co. Holstein Breeders' Assn.	Vere Woods, Edinboro RD 4
Erie Co. Horticultural Assn.	George Scieford, North East RD
Erie-Crawford Dairy Co-op.	John Barney, Waterford RD 2
Keystone Cooperative Grape Assn.	Harold Page, 18 Town St., North East
Northwestern Penna. Potato Growers ..	Seth Ballog, Union City RD 3
Pomono Grange	Clifford Haynes, Waterford RD 4
Union City Co-op. Assn.	Fred W. Bauer, 20 South St., Union City

FAYETTE COUNTY

Farmers' Cooperative Dairy Assn.	Mrs. Ruth Ann Gordon, Dawson
Fayette Co. Agricultural Improvement	
Assn.	Wilbur Cook, Uniontown RD 4
Fayette Co. Council of Farm Co-opera-	
tives	Robt. C. Yocum, 98 E. Main St., Union- town

FAYETTE COUNTY—Continued

Organization	Name and Address of Secretary
Fayette Co. Guernsey Breeders' Assn. . .	Wm. S. Jackson, New Salem RD 1
Fayette Co. Holstein Breeders' Assn. . .	W. B. Parshall, 9 Court St., Uniontown
Pomona Grange	Mrs. Ruth Ann Gordon, Dawson
Rural Resource Development Assn. . . .	A. J. D'Antonio, E. Millsboro, RD 1
Wool Growers' Assn.	Jacob Cover, Smithfield

FOREST COUNTY

Forest County Camp Assn.	Mrs. J. G. Handy, Pleasantville RD 1
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FRANKLIN COUNTY

Farmers' Union Co-operative, Inc.	Preston D. Hykes, Greencastle RD 1
Franklin Co. Farm Credit Assn.	Joseph Barkdoll, Mont Alto
Franklin Co. Farmers' Assn.	Frank J. Dice, Chambersburg RD 4
Franklin Co. Guernsey Breeders' Assn. .	Marion Benedict, Waynesboro RD 1
Franklin Co. Holstein Breeders' Assn. .	John Ile., Jr., Newburg RD 1
Franklin Co. Horticultural Society	J. H. Knode, Chambersburg
Franklin Co. Poultry Assn.	Ronald Gayman, Chambersburg RD 3
Franklin Farm Bureau Co-op. Assn. . . .	M. Dice Statler, Chambersburg RD 6
Sheep and Wool Growers' Assn.	Dale Coons, Dry Run
Society of Farm Women	Mrs. Merrill Bivens, St. Thomas RD 1

FULTON COUNTY

Fulton County Fair Assn.	Mrs. Helen Mosebey, Wells Tannery
Fulton Co. Farmers' Assn.	James Gordon, McConnellsburg
Pomona Grange	Mrs. Walter Palmer, Warfordsburg
Society of Farm Women	Mrs. Thurman E. Nesbitt, McConnellsburg

GREENE COUNTY

Farm Loan Assn.	Robert Morrison, 102 S. Main St., Washington
Greene County Free Fair	Charles Clark, Waynesburg
Greene County Purebred Livestock Breeders' Assn.	Mrs. Phyllis Lemley, Mt. Morris, Star Rte.
Greene Co. Sheep & Wool Growers' Assn.	Mrs. Charles L. Phillips, Waynesburg RD 5
Greene Farm Bureau Co-op. Assn.	Clarence P. Grimes, Waynesburg RD 1
Pomona Grange	Mrs. Harold Wilson, Waynesburg RD 2
Society of Farm Women	Mrs. Ralph VanDruff, Spraggs RD 1
Southwestern Pa. Livestock Co-op. Assn.	Mrs. Flora Haight Burge, Waynesburg
The Richhill Agricultural Assn.	Thomas M. Tharp, Wind Ridge

HUNTINGDON COUNTY

Agricultural Fair Assn.	John McCracken, 1115 Mifflin St., Huntingdon
Huntingdon Co. Agr. Development Council	Chester Smith, Huntingdon RD 3
Huntingdon Co. Farmers' Assn.	Fred Huey, Allensville
Huntingdon Co. Holstein Breeders' Assn.	James Davis, Petersburg RD 1
Huntingdon Co. Poultry Assn.	George Knott, Alexandria RD
Pomona Grange	Mrs. Clara Jones, Alexandria
Society of Farm Women	Mrs. Elmer Harper, Shirleysburg RD
Valley Rural Electric Co-op., Inc.	J. H. Denton, Box 397, Denton (Mgr.)

INDIANA COUNTY

Organization	Name and Address of Secretary
Fruit Growers Assn.	Homer Bennett, Barnesboro RD 2
Guernsey Cattle Club	Thomas Mikesell, Jr., Indiana RD 1
Holstein Assn.	Day K. Nichol, Indiana RD 4
Indiana County Agricultural Society	J. Murray Buterbaugh, Box 347, Indiana
Indiana Co. Christmas Tree Growers Assn.	Regis A. McKnight, Indiana RD 1
Indiana Co. Farmers' Assn.	Mrs. Guy Stutzman, Indiana RD 2
Indiana Farm Bureau Co-op. Assn.	Wilbur Bell, Indiana RD 1
Indiana Marketing Co-operative	Richard Black, Marion Center RD 2
Jersey Cattle Club	Wallace Pollock, Marion Center RD 2
National Farm Loan Assn.	James K. McElhoes, Indiana
Pomona Grange	Mrs. Edna Casady, Smicksburg RD 1
Sheep and Wool Growers' Assn.	D. K. Nichol, Indiana RD 4
Society of Farm Women	Mrs. Raymond Cramer, Penn Run RD 1
Southwest Central Electric Co-op., Inc. .	Sterling Orange, Indiana (Mgr.)

JEFFERSON COUNTY

Farm Loan Assn.	James K. McElhoes, Indiana
Holstein Breeders' Assn.	Bob Fye, Punxsutawney RD 3
Jefferson Electric Co-op., Inc.	J. E. Nicholson, Brookville (Mgr.)
Jefferson Farm Bureau Co-op., Assn. ..	Rufus Himes, Brookville RD 3
Jersey Breeders' Assn.	James Shields, Summerville RD 1
Mahoning Farm Bureau Co-op., Assn. ..	Glenn Caylor, Ringgold
North Central Co-operative Beef Breed- ers' Assn.	Charles Mortimer, Munderf Star Rt., Brookville
Pomona Grange	Mrs. Henry McAninch, Reynoldsville RD 2

JUNIATA COUNTY

Juniata County Agricultural Society (Port Royal Fair Assn.)	Dwight B. Hower, Sr., Port Royal
Juniata Co. Farmers' Assn.	Warren K. Zook, Mifflintown RD 1
Juniata Co. Holstein Club	Richard Crawford, Port Royal RD
Pomona Grange	Mrs. Pearl Woodward, Port Royal RD 2

LACKAWANNA COUNTY

Co-op. Farmers' Night Market	Kenneth Seamans, Factoryville RD
Horticultural Assn.	Marvin Miller, Clarks Summit RD 1
Lackawanna Beekeepers' Assn.	Howard Griggs, Clarks Summit RD 2
Pomona Grange	Mrs. William Miller, Moscow RD 2

LANCASTER COUNTY

Ayrshire Breeders' Assn.	Mrs. Lloyd G. Flory, Lititz RD 2
Farm Loan Assn.	Carl A. Brown, 411 W. Roseville Rd., Lancaster
Florists Assn.	Allen Bewley, Leacock
Fruit Growers' Assn.	Roy Erb, 118 Kreider Ave., Lancaster
Garden Spot Guernsey Breeders' Assn. ..	Paul Witmer, Willow Street RD 1
Holstein Breeders' Assn.	Donald S. Eby, Gordonville
Lancaster Co. Agricultural Council	Richard Hoover, 222 P.O. Bldg., Lan- caster
Lancaster Co. Beekeepers' Assn.	Walter T. Becker, Mt. Joy RD 2
Lancaster Co. Farm Implement Dealers Assn.	Robert Heisey, c/o N. G. Hershey Co., Manheim

LANCASTER COUNTY—Continued

Organization	Name and Address of Secretary
Lancaster Co. Farmers' Assn.	Donald E. Ney, Marietta RD 1
Lancaster Co. Production Credit Assn. ..	Carl A. Brown, 411 W. Roseville Rd., Lancaster
Lancaster Co. Swine Producers' Assn. ..	James Martin, East Earl RD 1
Lancaster Co. Tobacco Growers' Co-op. ..	Arthur Reist, 1050 Eden Rd., Lancaster
Lancaster Farm Bureau Co-op. Assn. ...	Robert M. Hood, P.O. Box 1197, Lan- caster
Lancaster Livestock Exchange	Walter M. Dunlap, Jr., Union Stock- yards, Lancaster
Lancaster Producers Livestock Co-op. ..	Harry E. Hershey, Mt. Joy RD 1
Mt. Joy Dairy Farmers' Co-op.	Henry H. Eby, Mt. Joy
Pomona Grange	Mrs. Elizabeth Eby, Kinzers RD 1
Poultry Assn.	Carl Harnish, Lancaster RD 6
Producers Co-op. Exchange	John H. Herr, Lancaster RD 7
Society of Farm Women	Mrs. Grayson M. Cooper, Peach Bottom RD 1
Tobacco Growers' Assn.	Marlin L. Cassel, Manheim RD 1
Wash. Boro Tomato Growers' Co-op. ..	Paul W. Eshelman, Rohrerstown

LAWRENCE COUNTY

Cooperative Wool Growers', Inc.	Guy M. Fullerton, Enon Valley RD 2
Fruit Growers' Assn.	John Bovard, New Castle RD 4
Lawrence County Farmers' Assn.	Merle Clark, Enon Valley RD 1
Pomona Grange	Gertrude Chapin, New Castle RD 3

LEBANON COUNTY

Farm Loan Assn.	Paul Whipple, 411 W. Roseville Rd., Lancaster
Holstein Breeders' Assn.	Clifford Groff, Lebanon RD 1
Lebanon County Beekeepers' Assn.	Robert Balsbaugh, Myerstown RD 2
Lebanon Co. Farmers' Assn.	Henry Bomberger, Fredericksburg RD 1
Lebanon Valley Co-op. Fruit Growers' Assn.	Ira Dutweiler, 36 N. 8th St., Lebanon
Lebanon Val. Farm Bureau Co-op.	Luke R. Grubb, Annville RD 1
Lebanon Valley Poultry Assn.	Miles Moyer, Fredericksburg RD 1
Pomona Grange	Mrs. Esther Boltz, Lebanon RD 3
Society of Farm Women	Mrs. Arthur S. Kreider, Lebanon RD 5

LEHIGH COUNTY

Farm Loan Assn.	Russel Rupp, 1060 N. 7th St., Allentown
Lehigh County Agricultural Society	Philip Storch, 302 N. 17th St., Allentown
Lehigh Co. Farmers' Assn.	David Semmel, Slatington RD 1
Lehigh Co. Holstein Assn.	William Hamm, New Tripoli RD 1
Lehigh Co. Horticultural Assn.	Joe Wolf, Jr., Allentown RD 1
Lehigh Co. Potatoes Growers' Assn.	Warren Koenig, Germansville
Lehigh Farm Bureau Co-operative	Wm. Kistler, Jr., Kempton RD 1
Lehigh Valley Beekeepers' Assn.	Alfred Beswick, 261 E. Fairview St., Bethlehem
Lehigh Valley Co-operative Farmers ...	Charles Hoffman, 1026 North 7th St., Allentown
Lehigh Valley Egg Producers' Co-op. ..	Gerald Hunsicker, Mertztown RD 1
Pomona Grange	W. F. Masters, Breinigsville RD 1

LUZERNE COUNTY

Beekeepers' Assn.	Ernest S. Young, 347 E. Noble St., Nan- ticoke
Berwick Vegetable Co-op.	Burton Hetherington, Spring Garden Ave. and Scanlon St., Berwick

LUZERNE COUNTY—Continued

Organization	Name and Address of Secretary
Columbia-Lower Luzerne Pomona Grange	B. W. Derr, Jersey Town
Farmers Co-op. Dairy of W. Hazleton ..	Robert Astleford, Hazleton
Farmers' Night Market Assn.	Fred Wright, 1407 Wyoming Ave., Forty Fort
Horticultural Assn.	William Kisner, Berwick RD 1
Luco Artificial Breeding Co-op.	Ario Everett, Berwick
Luzerne County Co-op., Assn.	Harold Brace, Dallas RD 3
Luzerne Co. Farmers' Assn.	Stanley Zehner, Nescopeck RD 1
Sybertsville Green Tomato Co-op.	Joseph Zielinski, Nescopeck, RD 1
Upper Luzerne-Southern Wyoming Pomona Grange	Lillian Hildebrandt, Dallas RD
Wyoming Valley Veg. Growers	Robert Price, 695 E. Main St., Nanticoke

LYCOMING COUNTY

Farm Loan Assn.	Hervey S. Dershem, Lewisburg
Holstein-Friesian Breeders' Assn.	Sam Fry, Muncy RD 2
Hughesville Fair Assn.	Clarence F. Stolz, 178 N. 2nd St., Hughesville
Lycoming Co. Farmers' Assn.	Paul Rice, Jersey Shore RD 2
Milk Producers' Assn.	Howell Waltz, Salladasburg RD 1
Pomona Grange	Mrs. Clyde Goldy, Williamsport RD 2
Production Credit Assn.	Edgar H. Schnure, Lewisburg

McKEAN COUNTY

Kane Dairy Co-operative Assn.	Henry Yonkie, Kane RD
McKean Co. Holstein Assn.	Ray Dillenbeck, Turtlepoint
Pomona Grange	Mrs. Myrtle Peterson, Kane
Sheep and Wool Growers' Assn.	Bernard Vossler, Smethport

MERCER COUNTY

Co-operative Wool Growers', Inc.	Q. R. Tait, Mercer RD 4
Farm Loan Assn.	Robert J. Adsit, Meadville
Fruit Growers' Assn.	W. R. Forrester, Mercer RD
Mercer Co. Farm Bureau Co-op. Assn. ..	Cooper Ivans, Mercer
Pennsylvania Farmers Assn.	Bill Beatty, Grove City RD 2
Pomona Grange	Mrs. Robert Steese, Grove City RD 1
Stoneboro Fair Assn.	C. W. Ebbs, Stoneboro

MIFFLIN COUNTY

Horticultural and Agricultural Assn. ...	J. C. Thompson, 33 Grand Parkway, Lewistown
Mifflin County Farmers' Assn.	J. Reed Goss, Lewistown RD 3
Mifflin Co. Poultry Assn.	James R. Snyder, Lewistown RD 1
Twin Valley Farm Bureau Co-op.	William J. McNitt, Jr., Milroy
Union Production Credit Assn.	James Goodwin, Twin Valley Farm Bureau, W. 4th Street, Lewistown

MONROE COUNTY

Milk Producers' Co-operative	Arlington Martin, Effort
Pomona Grange	Charles VanSciver, Tannersville
West End Fair Assn.	Larry Krome, Gilbert

MONTGOMERY COUNTY

Beekeepers' Assn.	Paul G. Haegele, Stump Rd., North Wales RD
Delaware Valley Milk Goat Assn.	William S. Geary, Hallowell Dr., Penns Park

MONTGOMERY COUNTY—Continued

Organization	Name and Address of Secretary
Delaware Valley Turf Grass Assn.	Lyman Schemerhorn, Tyburn Rd., Morrisville
Farm Loan Assn. and Production Credit Assn.	Herbert Kratz, 2301 W. Main St., Norristown
Guernsey Club	Fred Seipt, Lansdale RD 1
Holstein Cattle Club	LeRoy Derstine, Lansdale RD 1
Montgomery-Bucks Farm Bureau Co-op. Assn.	Newton F. Moyer, Telford RD 1
Montgomery Co. Farmers' Assn.	Kathryn Boocock, Mench Rd., Skippack
Pennsylvania Landscape and Tree Assn.	James Tumelty, Jr., Ivyland
Pomona Grange	Miss Alma Miller, 1 East Brown St., Sanatoga
Tri-County Producers' Co-op. Assn. ...	Elmo Underkoffler, Center Point
Society of Farm Women	Mrs. John J. Nolan, 520 2nd Ave. Collegeville

MONTOUR COUNTY

Montour-DeLong Fair Assn.	John Betz, Washingtonville
Pomona Grange	Leon Epler, Northumberland RD 1

NORTHAMPTON COUNTY

Beekeepers' Assn.	Alfred Beswick, 261 E. Fairview St., Bethlehem
Cooperative Potato Growers	Robert Jones, Bath RD 1
Co-operative Wool Growers' Assn.	L. F. Nicholas, Bangor RD 2
Farm Bureau Cooperative Assn.	David Houck, Nazareth RD 3
Farm Loan Assn.	Russell W. Rupp, 1160 North 7th St., Allentown
Holstein Breeders' Assn.	Don Seipt, Easton RD 4
Lehigh Valley Co-operative Farmers ...	Charles Hoffman, 1160 North 7th St., Allentown
Lehigh Valley Egg Producers' Co-op. ...	Richard Fielbach, Bethlehem RD 1
Northampton Co. Farmers' Assn.	Floyd J. Lahr, Nazareth RD 2
Pomona Grange	W. F. Masters, Breinigsville RD

NORTHUMBERLAND COUNTY

Farm Loan Assn.	Edgar Schnure, Lewisburg
Northumberland Area Guernsey Breeders' Assn.	C. Philip Molter, Danville RD 6
Northumberland Co. Farmers' Assn.	George W. Richard, Elysburg RD 1
Northumberland Co. Holstein Breeders' Assn.	Carl Swartz, Milton RD 2
Northumberland Co. Poultry Assn.	J. Clyde Foose, Potts Grove
Pomona Grange	Mrs. Oscar Drum, Sunbury RD 1
Sheep and Wool Growers' Assn.	Ira Geise, Northumberland RD 1

PERRY COUNTY

Guernsey Breeders' Assn.	Helen Ebersole, Duncannon RD 1
Holstein Breeders' Assn.	Ray Kling, Loysville RD 1
Pennsylvania Farmers' Assn.	Kenneth Schreiber, Newport RD 1
Perry Farm Bureau Co-operative	John McKeehan, Blain
Pomona Grange	Walter T. Smith, Millerstown

PHILADELPHIA COUNTY

Pennsylvania Horticultural Society	Estelle L. Sharp, Berwyn
Philadelphia Gardeners' Assn.	Robert Pennewell, Morris Arboretum, Philadelphia 18

PHILADELPHIA COUNTY—Continued

Organization	Name and Address of Secretary
Phila. Golf Course Superintendents	Frank I. Shuman, 309 Oreland Mill Rd., Oreland
Philadelphia Rose Society	Elizabeth Klaus, 5506 N. 6th St., Philadelphia 20
Philadelphia Society for Promoting Agriculture	William H. White, 220 S. 16th Street, Philadelphia 2
Philadelphia Vegetable Growers' Co-operative Assn.	Elmer F. Myers, Trevose
Quaker City Farmers	John C. Goodechild, 112 N. Twelfth St., Philadelphia 7

PIKE COUNTY

Delaware Valley Fair Assn.	Mrs. Cynthia Van Lierde, Milford
Monroe-Pike Pomona Grange	James Alborano, 102 Avenue "I", Matamoras

POTTER COUNTY

Allegheny Mountain Vegetable Growers' Cooperative	P. R. Smith, Ulysses
Farm Loan Assn.	E. R. Bostley, Coudersport
Farmers' Alliance & Industrial Union ..	Harold Higley, Shinglehouse
Holstein Breeders' Club	Everett Gooch, Coudersport RD
Pomona Grange	Mrs. Elsie Sarginger, Coudersport RD 4
Potter Co. Artificial Breeding Co-op. ...	Earl Highley, Shinglehouse
Potter-Tioga Maple Producers Assn. ...	Raymond Buck, Ulysses
Sheep and Wool Growers' Assn.	Miss Elizabeth Neff, Coudersport RD

SCHUYLKILL COUNTY

Beekeepers' Assn.	Richard Malick, 307 N. Third St., Pottsville
Farm Loan Assn.	Russell W. Rupp, Allentown
Mahantongo Valley Farm Bureau Co-operative Assn.	Earl J. Brown, Klingerstown
Pomona Grange	Mrs. Evelyn Heisler, Tamaqua RD 1
Schuylkill County Christmas Tree Growers Assn.	Roger Tobias, Pine Grove RD 3
Schuylkill County Farmers' Assn.	Timothy Masser, Pitman RD 1
Schuylkill County Holstein Breeders' Assn.	Carl Heisler, Tamaqua RD 1
Schuylkill County Horticultural Assn. ..	Richard Maurer, Valley View
Schuylkill County Poultry Assn.	Ned Schrope, Hegins
Schuylkill Farm Bureau Co-op. Assn. ..	George Grube, Orwigsburg RD

SNYDER COUNTY

Christmas Tree Growers' Association ..	Orrie Snook, Beaver Springs RD 1
Fruit Growers' Assn.	Floyd Graybill, Richfield
Holstein Breeders' Assn.	Richard Nerhood, Beavertown RD 1
Snyder Co. Farmers' Assn.	Calvin C. Fisher, Selinsgrove RD 1
Snyder Co. Poultry Assn.	Earl E. Shaffer, Richfield
Snyder-Southern Northumberland Pomona Grange	Mrs. Randall Rearick, Beavertown RD 1

SOMERSET COUNTY

Artificial Breeding Co-operative	George Marteeney, Somerset RD 6
Guernsey Breeders' Club	Earl Stutzman, Holsopple RD 1

SOMERSET COUNTY—Continued

Organization	Name and Address of Secretary
Holstein Breeders' Club	Glenn Platt, Somerset RD 4
Horse and Mule Assn.	Lewis Maust, Berlin RD 1
Pennsylvania Farmers' Assn.	Joseph M. Johns, Davidsville
Pomona Grange	Mrs. Dorothy Gindlesperger, Rockwood RD 1
Sheep and Wool Growers' Assn.	Louis Johnson, Stovstown RD 2
Society of Farm Women	Mrs. John Hartman, Meyersdale RD 2
Somerset Co. Horse & Saddle Assn.	Marv Ann James, W. Garrett St., Somerset
Somerset Co. Maple Producers' Assn. ..	Jane Wable, Fort Hill RD 1
Somerset Farm Bureau Co-op. Assn. ...	Elmer W. Miller, Somerset RD 4
Somerset Rural Electric Co-op., Inc. ..	Douglas Smith, Somerset (Mgr.)

SULLIVAN COUNTY

Agricultural Co-operative Assn.	Carl D. Molyneux, Forksville
Agricultural Society	Archie Norton, Forksville
Pomono Grange (Bradford-Sullivan) ..	Mrs. Ruth G. Fish, Towanda RD 5
Sulbra Artificial Breeding Co-op.	Ivan Waltman, New Albany
Sullivan Co. Holstein Club	William Frazier, Jr., Muncy Valley RD
Sullivan Electric Co-op., Inc.	Wesley Thomas, Forksville (Mgr.)

SUSQUEHANNA COUNTY

Co-operative Wool Growers' Assn.	R. L. Stockholm, Montrose
Farmers Alliance & Industrial Union ...	Mrs. Arthur Coy, Montrose
Harford Agricultural Society	Howard Benning, Kingsley
Holstein Breeders' Club	William Curley, Montrose RD 5
Montrose Artificial Breeding Co-op. ...	Bovd Strickland, Nicholson RD
Pomona Grange	Mary Green, Springville RD 2
Susquehanna Co. Farmers Assn.	Mrs. Lewis Brainard, Harford
Suswyanna Artificial Breeding Co-op. ..	Don Cooley, Nicholson RD 2

TIOGA COUNTY

Dairymen's League Co-operative	Keith Riplev, Mansfield RD 3
Holstein Breeders' Club	William J. Smith, Mansfield RD 2 16933
Pomona Grange	Mrs. Wm. Sticklin, Wellsboro
Tioga Co. Artificial Breeding Co-op. ..	George B. Butler, Wellsboro
Tioga County Farmers Assn.	John C. Kilburn, Wellsboro RD 5
Tri-County Rural Electric Co-op., Inc. .	Maurice Whitlock, Mansfield (Mgr.)
Wool Growers' Assn.	Keith Owlett, Middlebury Center

UNION COUNTY

First Penna. Artificial Breeding Co-op. .	Mrs. Anna E. Emigh, Lewisburg RD 1
Holstein Breeders Assn.	Ray Ard, Lewisburg RD 2
Production Credit Assn.	Edgar H. Schnure, Lewisburg
Union County Farmers' Assn.	Theodore Shuck, Mifflinburg RD 1
Union Farm Bureau Co-operative	Leon B. Epler, Northumberland RD 1
Union-Montour-Northumberland Pomona Grange	Leon Epler, Northumberland RD 1
Union-Snyder-Northumberland County Federal Land-Bank Assn.	Edgar Schnure, Lewisburg RD 2

VENANGO COUNTY

Farm Loan Assn.	Norman Rough, Masonic Bldg., Meadville
Farmers' and Fruit Growers' Assn.	John Huff, Franklin RD 3
Pomona Grange	Fred Smith, Franklin RD 1
Venango Co. Beekeepers' Assn.	L. L. Burger, 1315 Chestnut St., Franklin

VENANGO COUNTY—Continued

Organization	Name and Address of Secretary
Venango Co. Farmers' Assn.	Julius Woods, Polk RD 2
Venango Co. Wool Growers' Assn.	F. E. Smith, Kennerdell RD 2
Venango Farm Bureau Co-op. Assn. ...	F. C. Sterett, Kennerdell RD 2
Venango Poultry Assn.	Mrs. Fred Johnson, Van RD 1

WARREN COUNTY

Guernsey Breeders' Assn.	John Nordin, Russell RD 1
Pomona Grange	Mrs. Myron Rapp, 113 McKinley Ave., Warren
Warren County Farmers' Assn.	Mrs. Ellsworth Hale, Sugar Grove RD 2
Warren County Holstein Club	Charles Dodd, Corry RD 2
Warren Electric Co-op., Inc.	M. D. Rhodes, Youngsville (Mgr.)

WASHINGTON COUNTY

Arden Downs Poultry Club	Charles R. Sowers, Amity RD 1
Farm Bureau Co-operative Assn.	James A. McGugin, Hickory RD 1
Farm Loan Assn.	Robert Morrison, 102 S. Main St., Wash- ington
Guernsey Breeders' Assn.	Louis Baker, Box 7, Beallsville
Jersey Breeders' Assn.	Thos. J. Siler, Eighty Four RD 1
National Farmers Union, Washington Chapter	Edward Karpa, Avella RD 1
Pomona Grange	Mrs. Catherine Stritzinger, Burgettstown RD 2
Poultry Assn.	Charles Graham, 470 McCiane Farms Rd., Washington
Society of Farm Women	Mrs. Arthur Black, Finleyville RD 2
S. W. Penna. Holstein Club	John Gaut, Scottsdale
Washington Co. Co-operative Wool Growers Assn.	J. R. Henderson, Hickory RD 1
Washington County Fair Assn.	R. C. Provost, 509 Central Ave., Wash- ington
Washington County Farmers Assn.	Hugo Vettorel, Washington RD 2
Washington Co. Holstein Club	Robert A. Kelso, McDonald RD 3
Washington Co. Livestock Breeders' Assn.	Wm. Johnston, Canonsburg RD 1

WAYNE COUNTY

Dist. 6, Pa.-Jersey Cattle Club	Fred Baker, Meshoppen
Pomona Grange	Mrs. J. William Gager, Calicoon, N. Y., RD 2
Wayne Co. Artificial Breeding Co-op. ...	Frank Bezek, Waymart RD 1
Wayne Co. Dairymens League	Mrs. Grant Teeple, Equinunk
Wayne County Farmers' Assn.	John Mazzga, Hawley RD 1
Wayne Co. Holstein Club	Thelma Brown, Lake Ariel
Wool Growers' Assn.	H. G. Burleigh, Pleasant Mount

WESTMORELAND COUNTY

Beekeepers' Assn.	Mrs. Nelvia Jackson, Mt. Pleasant RD 1
County Flower Growers' Assn.	Stanley Zidel, 1554 Mission Rd., Latrobe
Farmers' Picnic Assn.	Joseph Kim, 735 Penna. Ave., Irwin
Guernsey Breeders' Club	Robert Mayhew, Belle Vernon RD 4
Holstein-Friesian Club	Paul Fox, New Stanton RD 1
Pomona Grange	Mrs. Catherine Hull, Mt. Pleasant RD 1
Westland Co-operative Farmers	Robert Momyer, Smithton RD 1
Westmoreland Co. Farmers' Assn.	Mrs. Philip Long, New Stanton RD 1
Westmoreland Co. Poultry Assn.	Earl Koring, 2480 Skidmore Rd., Greens- burg
Westmoreland Farm Bureau Co-opera- tive Assn.	Levi Silvis, Greensburg RD 5

WYOMING COUNTY

Organization	Name and Address of Secretary
Pomona Grange	Mrs. Anna Place, Penna. Ave., Tunkhannock
Producers' Co-operative Assn.	James Kintner, Meshoppen RD
Society of Farm Women	Rosalie Vaskas, Meshoppen RD 1
Tunkhannock Artificial Breeding Co-operative	John B. Henning, Tunkhannock
Wyoming Co. Farmers' Assn.	Clifford Sands, Tunkhannock RD 5
Wyoming County Holstein Club	Arthur L. Morrison, Laceyville RD 2

YORK COUNTY

Farm Loan Assn.	Kenneth Miller, 145 S. Duke St., York
Pomona Grange	Clayton S. Moul, 1025 Broadway, Hanover
Society of Farm Women	Mrs. Everitt Herbst, Red Lion RD 3
York County Beekeepers' Assn.	Wm. S. Blasdell, 2305 Middle St., York
York County Fair Assn.	Katherine O. Morgart, York
York Co. Farmers' Assn.	L. C. Wambaugh, Delta RD 2
York County Fruit Growers' Assn.	Harry E. Kauffman, York RD 9
York Co. Guernsey Breeders' Assn.	George Rohrbaugh, New Freedom RD 2
York Co. Holstein Breeders' Assn.	Roger J. Perry, York RD 8
York Co. Lamb Producers' Assn.	Mrs. Kenneth Wire, Dover RD 2
York Co. Milk Producers' Assn.	Harry L. Arnold, Hellam RD 2
York Co. Potato Growers' Co-op.	C. Robert Miller, Felton RD 2
York Co. Poultry Assn.	G. I. Schuller, Jr., Seven Valleys RD 1
York Co. Swine Improvement Assn.	C. F. Thompson, Spring Grove
York Farm Bureau Co-op. Assn.	Jay W. Dusman, Hanover RD 2

Agricultural Magazines and Trade Journals Published in Pennsylvania

Berks-Lehigh Farmer, Kutztown
Bucks-Mont Farmer & Courier, P. O. Box 693, Norristown
Dairymen's Price Reporter, 451 Century Bldg., Pittsburgh
Everybody's Poultry Magazine, Hanover
Farm and Home News, 85 Mitchell Ave., Binghamton, N. Y.
Farm Bureau Mirror, P. O. Box 2323, Harrisburg
Farm Journal, Washington Square, Philadelphia
Food Trade News, Liberty Trust Bldg., Philadelphia
Inter-State Milk Producers' Review, 401 N. Broad St., Philadelphia
Keystone Farmer, Court House, Coudersport
Lancaster Farming, P. O. Box 1524, Lancaster
Lancaster Livestock Reporter, Union Stockyards, Lancaster
Pennsylvania Farmer, 2436 N. 2nd St., Harrisburg
Pennsylvania Grange News, 1604 N. 2nd St., Harrisburg
Pennsylvania Grocer, 3701 N. Broad St., Philadelphia
Pennsylvania Packer, 25 N. Duke St., York
The Voice, Pa. Farmers' Assn., 2612 Yale Ave., Camp Hill
Tri-State Food News, P. O. Box 450, McKeesport

Pennsylvania History, Topography, Climate

Pennsylvania, one of the thirteen original states, was settled by William Penn at Upland (now called Chester) in 1682. The grant of the territory west of the Delaware River was made to Penn by the King of England in settlement of a debt of \$80,000 due the estate of Penn's father for services rendered as an Admiral in the English Navy. The English secured this territory from the Dutch in 1664.

The State originally consisted of three counties: Philadelphia, Chester and Bucks. The number was increased by dividing these counties from time to time until the number reached 67. The last county was Lackawanna in 1878.

The State is rectangular in shape and about 302 miles long by 176 wide. It contains 45,215 square miles, or 28,828,000 acres of land area, and is thirty-third in size among the states. It is not quite as large as New York but a little larger than Virginia, and is more than twice as large as New Jersey, Delaware and Maryland put together.

TOPOGRAPHY

Pennsylvania, as is the case in most Atlantic States, has comparatively level lands in the east and is more mountainous in the central and western sections. The elevation of the land varies from less than one hundred feet above sea level in the southeastern part of the State to approximately three thousand feet at the summit of some of the ridges in the Allegheny Mountains.

The Piedmont province, one of three topographic provinces crossing the State, takes in all the land southeast of South Mountain. The second is the Ridge and Valley province in the central section of the State. It is largely mountainous on the west. The topography consists of many long ridges of 1,000 and 1,500 feet high, separating many beautiful and fertile valleys. The largest valleys are the Nittany and the Kishacoquillas. The Allegheny Mountain and Plateau province lies to the west and north of the Ridge and Valley province and covers about two-thirds of the entire area of Pennsylvania. The streams and the valleys of this western section wind in all directions, and the surface is a maze of hills and valleys, quite high in the eastern part of the province but becoming gently rolling in the west.

CLIMATE

Pennsylvania is in that part of the United States having comparatively heavy rainfall. It is heaviest over most of the State during the spring and summer months, just when it will do most good for the growing of crops. The State is in the zone of prevailing westerly winds. Throughout most of the State the wind blows chiefly from the northwest in winter and from the southwest during the summer, except when disturbed by storms. Annual precipitation averages 42 inches.

AGRICULTURAL OPPORTUNITIES

Agribusiness—agriculture and its allied enterprises—is Pennsylvania's major industry. Its importance is emphasized by the fact that approximately 43 per cent of the wage earners in Pennsylvania now derive all or part of their income from Agribusiness.

Agriculture, as the keystone of Pennsylvania's Agribusiness, today supplies unexcelled farm products to the nation's major commodity markets, many of them less than 75 miles away. Economists predict an even more important role for the state's farmland in the future. They foresee Pennsylvania as the bread-basket of the "Eastern Megalopolis," a crescent-shaped area from Boston to Norfolk that is expected to become one vast community with population in the multi-millions.

USEFUL FARM BULLETINS

Available Free Publications of the Pennsylvania Department of Agriculture

Address requests for copies to:

**Pennsylvania Department of Agriculture
Harrisburg, Pennsylvania**

No.	Title	
558	Pennsylvania Weeds	CRS-26 Pennsylvania's Poultry Statistics, 1909-1963
698	Seed Analysis Report, 1963	Pennsylvania's Land Resources Inventory
700	Directory of Information, 1964	Available after June 1, 1964
	Annual Report of Activities	CRS-27 Pennsylvania Crops and Livestock Report, 1963
	Man Is The Steward, The Story of Pennsylvania's Soil Conservation Districts	CRS-28 Farm Machinery Custom Rates
CRS-19	Vegetable Statistics, 1918-1961	CRS-29 Fruit Tree Survey, 1964
CRS-22	Pennsylvania Christmas Tree Survey, 1962	
CRS-23	Pennsylvania Horticultural Specialties	

MOTION PICTURES

Pennsylvania Department of Agriculture
Harrisburg, Pennsylvania

"Beyond Tomorrow"—(Color; released 1962; 16mm, sound; 25 minutes)
Designed to inform both city dwellers and rural residents about the accomplishments of Pennsylvania's soil and water conservation districts.

"A Plan for Penn's Land"—(Color; released 1963; 16mm, sound; 14 minutes)
Describes the importance of conservation principles and soil survey information to both farm and urban needs, and points how this type of information can be adapted to non-farm needs.

Copies scheduled without charge by the State Soil and Water Conservation Commission, Pennsylvania Department of Agriculture, Harrisburg, or local conservation districts.

"Silent Servants"—(Color; released 1963; 16mm, sound; 13½ minutes)
An account of the work of the Pennsylvania Department of Agriculture, with particular reference to the quality control programs of the Bureaus of Plant Industry, Animal Industry, Foods and Chemistry, and Markets.

"Plenty of Pennsylvania"—(B/W; released 1964; 16mm, sound; 25 minutes)
A comprehensive coverage of the 1964 Pennsylvania Farm Show depicting the history, growth and present day importance of Pennsylvania's showcase of agriculture.

Copies scheduled without charge by the Market Development Division, Pennsylvania Department of Agriculture, Harrisburg.

"Pennsylvania Potatoes"—(Color; released 1961; 16mm, sound; 10 minutes)
The story of potato production and marketing in Pennsylvania, geared especially to the urban dweller or those who have little knowledge of agriculture.

Copies scheduled without charge by Public Information Division, Pennsylvania Department of Agriculture, Harrisburg.

**Available Free Publications of the Pennsylvania State University College of
Agriculture—Experiment Station and Extension Service**

Address requests for copies to:

**Agricultural Mailing Room
Old Dairy Barn
The Pennsylvania State University
University Park, Pennsylvania**

B refers to bulletins of the Agricultural Experiment Station; **Sp C** to Special Circular; **C** to Circulars; **L** to Leaflets of the Agricultural Extension Service; and **PR** to Progress Reports of the Agricultural Experiment Station.

**AGRICULTURAL ECONOMICS
AND RURAL SOCIOLOGY**

B-417 Poorly-housed rural families of two Pennsylvania townships
B-499 Cost of keeping a bull
B-521 Farmers receiving old age assistance in Pennsylvania
B-534 Family housing on owner-operated farms in Pennsylvania
B-544 Milk marketing by producer distributors
B-545P Planning for profitable grassland on dairy farms in central Pennsylvania
B-549 Survey and account methods of estimating costs of milk production
B-556 Factors associated with the success of Pennsylvania Granges
B-561 Marketing of eggs in retail stores of Pennsylvania
B-566 Use of rooms in farm houses
B-571 Economics of locations in grading and cartoning eggs
B-574 Elements associated with activity and inactivity in rural organizations
B-577 Some personal, economic and social factors influencing dairy-men's actions and success
B-582 Factors related to changes in social participation in a rural Pennsylvania community
B-583 Grassland in organization of dairy farms in northeastern Pennsylvania
B-588 Stimulating corrective action following school health examination
B-589 Family factors influencing corrective action following school health examinations
B-591 Factors associated with preferences for household equipment and furniture by 351 families.
B-601 Selectivity of membership and participation in rural organizations
B-602 Sampling to determine grades of eggs
B-621 An economic appraisal of idle land in Potter County, North Central Pennsylvania
B-622 Improving fluid milk distribution practices through economic-engineering techniques

B-625 Specifications and cost for processing operations in small market milk plants
B-627 Analysis of grassland farming in northeastern Pennsylvania
B-639 Improving methods of packing apples in consumer packs
B-641 Effects of bulk milk assembly on handling costs, farm to plant
B-642 An economic appraisal of use of idle land in Potter County, Pennsylvania for crops, pasture and forest
B-643 Decision making in the use of family financial resources in a rural Pennsylvania community
B-655 Certain practices, satisfactions and difficulties in families with employed homemakers
B-656 Basic appeals in consumer acceptance of milk
B-659 Merchandising for profit in retail flower shops
B-669 Estimates of supplemental water needed by forage crops in Pennsylvania
B-674 An economic and engineering appraisal of mechanical dairy barn gutter cleaners
B-680 Interrelations among demands for farm products and implications for control of market supplies
B-684 Food habits and national backgrounds
B-686 Educational attainment among Pennsylvania rural youth
B-687 Dairy farm labor input data obtained by mail questionnaire and by field interview . . . a comparison
B-690 Economics of fertilization and use of idle land on selected Northeastern Pennsylvania dairy farms
B-691 Differences among improved farm practices as related to rates of adoption
B-692 Farm family income in North Central Pennsylvania
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B-697 Economics of central evaporator in maple syrup production
B-700 A method of developing maximum-profit feeding programs

- B-708 Social and psychological factors associated with the acceptance of new food products
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- C-465 Group accomplishment—discuss it
- C-504 What does it cost to start farming?
- L-199 Can farmers make good use of credit?
- L-231 What should my insurance cover?
- L-238 Gutter cleaners pay
- L-256 Seasonal changes in hog prices
- L-257 Will this building be a good investment?
- L-260 Tips for leading discussion
- Sp C-11 The pocketbook for recreation leaders
- Sp C-16 The pocketbook of games
- Sp C-19 The pocketbook of folk games and square dances
- Sp C-44 The chairman's job and how to do it
- Sp C-50 Observing Rural Life Sunday

AGRICULTURAL ENGINEERING

- B-626 An electric-eye controlled sprayer for application of insecticides to livestock
- B-699 Bin and wagon drying of shelled corn
- B-701 A testing machine for determination of mechanical and rheological properties of agricultural products
- C-259 Plow adjustment
- C-373 Adequate farm wiring
- C-382 Planning for an automatic water system
- C-413 Tile drainage for Pennsylvania farms
- C-460 Farm ponds for Pennsylvania
- C-489 Making high quality hay
- L-202 Which is the better hay conditioner—smooth roll or crimping roll?
- L-204 Forage harvesters—low-cost or conventional
- Sp C-33 Planned irrigation pays
- Sp C-38 Tools for pasture renovation
- Sp C-45 Make your water supply safe
- Sp C-53 Selecting and installing dairy stable ventilation
- Sp C-59 Home sewage disposal—the septic tank system
- Sp C-65 Batch hay drying with heated air
- Sp C-66 Barn hay drying
- Sp C-67 Water purification—methods, equipment, techniques

BEEF CATTLE, HORSES, SHEEP AND SWINE

- B-615 The nutritive evaluation of forages
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- C-480 Managing your beef breeding herd
- C-520 Pennsylvania livestock markets
- L-184 Swine feeding recommendations
- L-216 Handling newly purchased feeder cattle
- L-218 Feeding cattle for market
- L-236 The ewe and you
- L-241 Internal parasites of sheep
- L-244 Successful feeder-pig production

- L-245 Management tips for beef cattle in dry lots
- L-246 Facilities for growing and finishing swine
- L-247 Buying and feeding feeder-pigs
- L-252 How to clean farrowing houses
- L-258 Sheep housing recommendations
- Sp C-22 Preparing wool for market

DAIRYING

- B-581 Bovine Mastitis, II
- B-592 Seasonal distribution and production of forage from orchard grass-ladino and bluegrass pastures
- B-634 Growth responses to protein level and complexity of calf starters
- C-468 Testing milk and milk products
- C-495 Commercial ice cream and other frozen desserts
- C-507 Breeding for dairy herd improvement
- Sp C-32 Sample grain mixtures for dairy cattle
- Sp C-60 Raising veal calves
- L-224 Do your cows produce a calf a year?
- L-229 Heat detection and time of service are important
- L-230 Breeding efficiency in your herd
- L-235 How much rest do cows need after calving
- L-242 Dairy breeding records your guide to efficiency
- L-250 Inheritance of breeding efficiency

FARM CROPS, SOILS, FERTILIZERS

- B-487 The soils of Fulton County, Pennsylvania
- B-518 Fertilizer experiments on grass lands of the northeastern region
- B-526 Influence of heredity on carotene and protein contents of corn
- B-533 Trends and variations in yields from Jordan fertility plots
- B-542 Urea-formaldehyde and other nitrogenous fertilizers for use on turf
- B-554 Management of grasslands in the northeastern states
- B-560 Correlation of plant tissues of corn deficiency symptoms and soil analysis on the Jordan fertility plots
- B-568 Forage production of grass and legumes in northwestern Pennsylvania
- B-586 Soil structure studies with synthetic conditioners
- B-613 75th Anniversary of the Jordan fertility plots
- B-624 Survey of ten nutritive elements in Pennsylvania forage crops
- B-653 Forage climates in the northeast
- B-666 Soybean varieties for forage and grain in Pennsylvania
- B-679 Some aspects of corn ecology
- B-682 Cutting and grazing management for sudangrass and pearl millet
- B-688 Nitrogen fertilization of perennial grasses

- B-689** Effects of shading and plant competition on seedling growth and nodulation in birdsfoot trefoil
- B-694** Sod subjugation with herbicides for pasture renovation
- B-698** Potato fertilization in Pennsylvania
- B-704** A regional approach to breeding and testing of sweet corn in the Northeast
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- C-378** 100 questions and answers on liming land
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- L-180** Control late blight on potatoes
- L-196** Treat seed grain for more profit
- L-213** 40 questions and answers on manure
- L-249** Fertilizer by the gallon—13 questions and answers
- L-261** Growing cover crops

FORESTRY AND WILDLIFE

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- B-635** Evaluating mast yields in the oaks
- B-663** Trout stocking as an aid to fish management
- C-310** Making maple syrup
- C-448** The distribution and prevention of oak wilt
- L-102** Using home-grown timber on the farm
- L-179** Mlad your hunting manners

FRUIT GROWING

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- B-495** Soil factors influencing grape production on well-drained lake terrace areas
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- B-557** Soil management in a young Montmorency sour cherry orchard
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- B-617** The use of stop-drop sprays to promote the red color of apples
- B-648** Age of vine and concord grape production
- B-649** Growth and fruiting of various apple varieties in response to several clonal rootstocks
- B-652** Effects of certain sprays on growth and yield of concord grapes
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- C-380** Growing tree fruits for home use
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- C-512** Strawberry diseases
- C-513** Grape diseases
- C-519** Basic apple orchard management in Pennsylvania
- L-143** Sprays for home garden fruits
- L-178** Raspberries in Pennsylvania

HOME ECONOMICS

- B-614** Effects of thawing and refreezing on the quality of certain frozen foods
- B-678** Family activity patterns basic to farm house planning
- B-685** Values expressed and realized in family financial plans
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- C-348** Pennsylvania Dutch cookery
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- C-463** Pickles and relishes—quick and easy
- C-464** Preparing food for your freezer
- C-467** Helping your baby grow
- C-473** Canning fruits and vegetables
- C-481** Small electric cooking appliances—to buy or not to buy
- C-483** Children and discipline
- C-484** Today's house care
- C-493** Planning - preparing - serving community meals
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- C-505** Best weights for your lifetime
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- Sp C-30** Reupholstering chairs
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- Sp C-58** Choosing accessories for the home
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- Sp C-62** Repairing chair seats with cane
- Sp C-63** One easy way to iron a shirt
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- L-181** You are what you eat
- L-201** Pastry to please
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- L-205** Steak, the choice cut
- L-206** Roasts unlimited
- L-215** Variety meats
- L-220** Danish festive meals
- L-221** Get up and go with a good breakfast

- L-223 How many persons is a home-maker
- L-233 Food tips for teens
- L-234 Fruit—a treasure chest of health
- L-237 Sparkle with milk
- L-239 What you eat today could make a difference
- L-243 Salads
- L-243 New twists to serving vegetables
- L-251

TOBACCO

- B-422 Bacterial leafspots of Pennsylvania tobacco
- B-513 Seedleaf tobacco strains in Pennsylvania
- L-71 Disease-resistant cigar tobacco for Pennsylvania
- B-702 Tobacco curing

POULTRY

- B-486 Response of turkeys to artificial illumination
- B-590 A statistical evaluation of the effects of various storage and processing factors on the quality of frozen poultry
- B-608 Seven years of managed turkey grazing
- B-660 Effect of date of hatch on growth and market quality of white holland turkeys
- B-668 Influence of low-protein pelleted feed on turkeys on pasture
- C-306 A brooder house for 250 to 350 chicks
- C-316 Producing capons in Pennsylvania
- C-358 Poultry houses for Pennsylvania
- C-361 Hatching egg production in Pennsylvania
- C-456 Turkey raising
- C-486 Poultry diseases—description and treatment
- C-498 Producing quality eggs
- C-499 Pole housing for poultry
- L-253 Protect poultry from external parasites and flies
- L-255 Using poultry manure
- Sp C-49 Low cost poultry housing in Pennsylvania

VEGETABLE GROWING

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- B-596 Cutworms of Pennsylvania
- B-704 A regional approach to breeding and testing of sweet corn in the Northeast
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- C-459 Growing good vegetable plants
- C-469 The home vegetable garden
- C-471 Prevent vegetable diseases in your home garden
- C-474 Vegetable crops—soil management and fertilization
- C-476 Insects attacking vegetables and their control
- C-477 Growing tomatoes in the home garden
- C-511 Garden soil management
- L-84 Storing vegetables
- L-98 Summer care of the vegetable garden

- L-147 Picking quality tomatoes for processing
- L-207 Asparagus tips
- L-208 The vine crops
- L-214 Control of pea and bean weevils in the field and in storage
- L-254 Control of tomato diseases

MISCELLANEOUS

- B-550 Light traps for insect collection, survey and control
- B-565 Some factors affecting the quality of frozen foods
- B-580 Some factors affecting the quality of frozen foods II
- B-637 Factors influencing homeowners use of ornamental nursery products
- B-667 Some common edible and poisonous mushrooms
- B-707 Food preferences of captive meadow mice
- C-347 Diseases and insects of the flower garden and their control
- C-395 Greenhouse insects and their control
- C-423 Diseases of commercial florist crops
- C-427 Insect pests of deciduous shade trees and their control
- C-470 Diseases of bees and their control
- C-472 Pennsylvania beekeeping
- C-485 How to propagate house plants
- C-488 Your holiday plants
- C-491 Growing better house plants
- C-497 Growing gladioli in the home garden
- C-500 Growing garden chrysanthemums
- C-502 Diseases of ornamental shrubs and vines
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- L-191 Controlling insect pests on spruce and yew
- L-192 Controlling insect pests on fir, hemlock and juniper
- L-193 Controlling insect pests on larch and arborvitae
- L-194 Controlling insect pests on laurel and rhododendron
- L-195 Controlling insect pests on boxwood, euonymus and holly
- L-210 Control those grubs in your lawn
- L-217 Woodboring insects mistaken for termites
- L-222 Controlling termites in buildings
- L-225 Planting and maintaining evergreens
- L-226 Pruning shrubs and trees
- L-232 Planting trees on your home grounds
- L-240 Rat control
- L-248 Fly control on cattle and in buildings
- L-259 Identification and control of poison ivy
- Sp C-46 Tree diseases—description and control
- Sp C-57 Some shade and flowering trees for Pennsylvania landscapes
- Sp C-64 Some deciduous shrubs for Pennsylvania landscapes
- Correspondence Course Bulletin—gives information on 81 agricultural and homemaking courses

ANNUAL REPORTS OF THE EXPERIMENT STATION

B-696 Year ended June 30, 1962
B-704 Year ended June 30, 1963

PROGRESS REPORTS OF THE EXPERIMENT STATION

Agricultural Economics and Rural Sociology

- P R-128** Effects of 1954 acreage restrictions on crop production in southeastern Pennsylvania
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- P R-145** A community program to increase egg consumption
- P R-148** Some aspects of financial planning among rural families in a Central Pennsylvania community
- P R-167** Long-run effects of a better breakfast program
- P R-169** Characteristics of farmers supplying competing milk markets
- P R-170** An economic appraisal of green chop feeding
- P R-176** Effects of point of sale information on egg sales
- P R-179** The farmer's livestock goes to market
- P R-185** Characteristics and practices of market milk plants in Pennsylvania
- P R-201** Marketing methods for fowl in four Pennsylvania counties
- P R-204** The story of adolescents and milk
- P R-207** Simplified least-cost feed formulation procedure
- P R-212** Time, travel, and construction costs of loose and stanchion types of dairy barns
- P R-221** Changes in productivity in milk distribution in two Pennsylvania markets
- P R-226** Consumer's use of stewing chicken
- P R-237** Large Pennsylvania dairy farms
- P R-244** Promotion and marketing characteristics of egg-producing farms in Pennsylvania
- P R-249** Gallon jug milk sales on Pennsylvania dairy farms
- P R-251** Heating degree days for selected locations in Pennsylvania

Agricultural Engineering

- P R-107** An electric work center for the vocational agriculture shop
- P R-164** A continuous flow automatic feed grinder and mixer
- P R-172** A grain - conveyer - distributor that eases bin loading and aids drying
- P R-250** Mechanized, tumbled storage of hay bales

Agronomy

- P R-47** Cold testing of corn
- P R-105** Performance of varieties of grass and legume species in Pennsylvania in 1952

- P R-192** Pennsylvania corn performance studies, 1957
- P R-196** Functional characteristics of some inbred lines of corn
- P R-206** 1958 Pennsylvania corn performance studies
- P R-220** 1959 Pennsylvania corn performance studies
- P R-224** Performance of supplemental summer forage crops in Pennsylvania, 1957, 1959
- P R-227** Redcoat winter wheat for Pennsylvania
- P R-229** Pennsylvania commercial hybrid corn tests, 1960
- P R-233** 1960 Pennsylvania corn performance studies
- P R-235** Pa. 825, a long season corn hybrid for Pennsylvania
- P R-236** 1961 Pennsylvania commercial hybrid corn tests

Dairying

- P R-199** Amounts of straw required for bedding cows in loose and conventional housing
- P R-202** Influence of roughage quality on growth of young Holstein calves
- P R-222** Low-level feeding of aureomycin to lactating cows

Farm Crops, Soils, Fertilizers

- P R-133** Effect of elarion extract in the physical and chemical characteristics of the soil
- P R-196** Functional characteristics of some inbred lines of corn
- P R-240** Accuracy of seed corn grading and planter plate recommendations
- P R-241** 1961 Pennsylvania corn performance studies
- P R-243** Fertilizer experiments with summer annual forage crops
- P R-245** 1962 Pennsylvania commercial hybrid corn tests
- P R-247** Pennrad—a new winter barley
- P R-248** 1962 Pennsylvania corn performance studies

Forestry and Wildlife

- P R-123** Comparative durability of posts from trees grown in Pennsylvania woodlands
- P R-188** Effects of chemical brush control upon game food and cover
- P R-198** Douglas fir varietal tests for Christmas tree plantations in Pennsylvania
- P R-239** Relation of soil moisture and solution absorption of red oak stumps and development of oak wilt

Fruit Growing

- P R-120** Chemical thinning of apples
- P R-193** Varietal influences on quality of apple sauce blends
- P R-195** Responses of cultivated elderberry varieties
- P R-223** Chemical weed control in the peach nursery

Poultry

- P R-108** Social factors in sexual behavior of turkeys
- P R-140** Confinement rearing of pullets in Penn State experimental house
- P R-162** The Penn State solar poultry house
- P R-174** Yolk color and candled grade of eggs
- P R-232** Development and performance of the roll-a-way nest cushion
- P R-238** Selection of poultry breeders on sire family performance

Tobacco

- P R-246** Factors influencing seedling establishment of grasses with and without alfalfa in tobacco rotations
- C-510** Control turfgrass diseases
- C-514** Your road to better meetings
- C-515** Planning your flower show
- C-517** Diseases of commercial florist

Vegetable Growing

- P R-205** Effect of aluminum mulch on vegetable crop yields
- P R-215** Celery blackheart and its control in Pennsylvania
- P R-242** 1962 vegetable variety trials
- P R-252** 1963 vegetable variety trials

***Soil Survey Maps**

- P R-118** Soil Survey of Juniata County
- P R-130** Soil Survey of Perry County
- P R-153** Soil Survey of Cumberland County

Miscellaneous

- P R-171** The child's viewpoint on breakfast
- P R-186** Honey candies
- P R-210** Space requirements for household cleaning
- P R-218** Some effects of adjusting high temperatures on growth of greenhouse roses
- P R-225** An improved solar beeswax extractor
- P R-251** Heating degree days in selected locations in Pennsylvania

* Soil maps and reports are available for about one-third of the counties in Pennsylvania. Requests should specify county.

"Science for the Farmer," a quarterly publication reporting subjects in all three divisions of the College of Agriculture—resident instruction, extension, research—is available to those requesting to be placed on the mailing list.

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BUILDINGS

- AB-144 Preventing storm wind damage to farm buildings
- AH-38 First aid for flooded homes and farms
- G-14 A step-saving U kitchen
- G-18 Easy-to-build kitchen cabinets for the remodeled farmhouse
- G-52 Wood siding: How to install it, paint it, care for it
- G-64 Subterranean termites . . . their prevention and control in buildings
- G-73 Wood decay in houses: how to prevent and control it
- L-56 Preventing cracks in new wood floors
- L-320 Two-temperature walk-in refrigerator for the farm
- L-358 Powder-post beetles in buildings . . . what to do about them
- L-375 Fire departments for rural communities
- L-463 Beltsville energy-saving kitchen . . . design No. 2
- F-2104 Protecting log cabins, rustic work, and unseasoned wood from injurious insects in Eastern U. S.
- F-2136 Lightning protection for the farm
- F-2173 Farm fences
- M-810 Farm silos

**CANNING—FREEZING—
STORING**

- G-6 Home canning of meat
- G-10 Home freezing of fruits and vegetables
- G-30 Pressure canners—use and care
- G-40 Freezing combination main dishes
- G-48 Home freezers—their selection and use
- G-56 How to make jellies, jams and preserves at home
- G-69 Home care of purchased frozen foods
- G-70 Home freezing of poultry
- G-93 Freezing meat and fish in the home
- F-2125 Making and preserving apple cider

COOKING

- G-1 Family fare . . . food management and recipes
- G-8 Home canning of fruits and vegetables
- G-27 Meat for thrifty meals
- G-23 Root vegetables in everyday meals
- G-35 Ways to cook rabbit
- G-36 Peanut and peanut butter recipes
- G-37 Honey . . . some ways to use it
- G-41 Green vegetables for good eating
- G-43 Money-saving main dishes
- G-45 Turkey on the table the year-round
- G-50 Cooking with dried eggs
- G-55 Potatoes in popular ways
- L-278 Tomatoes on your table
- L-312 Apples in appealing ways
- L-326 Dry beans, peas, lentils . . . modern cookery
- L-408 Facts about pasteurization of milk
- F-2075 An American-type cheese . . . how to make it for home use

**DAIRYING AND
DAIRY CATTLE**

- F-1422 Udder diseases of dairy cows
- F-1443 Dairy cattle breeds
- F-2111 Judging and scoring milk
- F-2132 Improving your dairy herd
- F-2153 Feeding dairy cattle

**ELECTRICAL EQUIPMENT
AND PRACTICES**

- L-377 Lights for more winter eggs
- L-436 Electric water pumps on the farm
- L-445 Electric heating of hotbeds
- L-480 Standby electric power equipment for the farm

FARM MANAGEMENT

- L-307 How much fertilizer shall I use?
- L-335 Farming terraced land
- L-347 Keep your tile drains working

- L-432 Where and how to get a farm: some questions and answers
- L-491 Background on our Nation's agriculture
- F-1045 Laying out fields for tractor plowing
- F-1961 Getting started in farming
- F-2049 Preservative treatment of fence posts and farm timber
- F-2101 Watch your step . . . avoid farm accidents
- F-2107 Defense against radioactive fallout on the farm
- F-2110 Hospitals for rural people
- F-2130 Rope on the farm
- F-2135 What young farm families should know about credit
- F-2136 Lightning protection for the farm
- F-2137 Insurance facts for farmers
- F-2142 Library service for rural people
- F-2150 Safeguard your farm against fire
- F-2156 Safe use and storage of flammable liquids and gases on the farm
- F-2179 Father-son agreements for operating farms

FORAGE CROPS (Diseases, Insects, Marketing)

- L-514 The meadow spittlebug
- F-1740 Vetch culture and uses
- F-2113 Annual lespedezas . . . culture and use

FORESTRY (Diseases, Insects, Marketing)

- L-244 Community forests for rural people
- F-2090 Logging farm wood crops
- F-2158 Chemical control of brush and trees
- M-766 Look to your timber, America

FRUITS (Diseases, Insects, Marketing)

- L-172 Why fruit trees fail to bear
- L-183 Cankerworms
- L-187 Blight of pears, apples, quinces
- L-227 Home fruit garden in the Northeastern and North Central States
- L-274 Control of apple tree borers
- L-406 Apple bitter rot
- L-407 Dwarf fruit trees: Selection and care
- L-414 Reducing virus and nematode damage to strawberry plants
- L-508 Bridge grafting and inarching damaged fruit trees
- F-1028 Strawberry culture: Eastern United States
- F-1560 Preparing strawberries for market
- F-1897 Establishing and managing young apple orchards
- F-2140 Strawberry diseases
- F-2160 Growing blackberries
- F-2165 Growing raspberries
- F-2184 Strawberry insects . . . how to control them
- MB-9 Preparing peaches for market

GRAINS (Diseases, Insects, Marketing)

- L-370 The seed-corn maggot on beans, how to control it
- L-416 Barberry eradication in stem rust control—wheat, oats, barley, rye
- L-425 The rolled-towel seed tester for corn
- L-426 Scab of cereals and how to control it
- L-435 Interseeding legumes in corn
- L-478 Growing grain sorghums
- F-1260 Stored grain pests
- F-1607 The nematode disease of wheat and rye
- F-1798 Control of common white grubs in cereal and forage crops
- F-1976 Handling and storing soft corn on the farm
- F-2071 You can store grain safely on the farm
- F-2092 Bacterial wilt and Stewarts leaf blight of corn
- F-2095 Buckwheat culture
- F-2115 Culture and varieties of spring-sown oats
- F-2129 Growing soybeans
- F-2143 Irrigating corn in humid regions
- F-2145 Growing rye
- F-2190 The European corn borer, how to control it

HOME MANAGEMENT

- G-49 Detergents for home laundering
- G-58 Shopper's guide to U.S. grades for food
- G-62 Removing stains from fabrics, home methods
- G-68 How to prevent and remove mildew—home methods
- G-78 Storing perishable foods in the home
- G-94 Family food budgeting for good meals and good nutrition
- L-442 How to buy eggs by USDA grades and weight classes
- MB-1 How to buy poultry by USDA grades
- MB-12 Know your butter grades
- MB-13 Tips on selecting fruits and vegetables
- MB-15 U. S. grades for beef start a good day
- L-424 Food for fitness . . . a daily food guide

INSECTS (See also under crop or animal attacked)

- G-24 Clothes moths and carpet beetles
- G-28 Ants in the home and garden: how to control them
- G-53 Lawn insects: How to control them
- G-61 Lawn diseases: how to control them
- G-67 Insects and related pests of house plants . . . how to control them
- G-84 Controlling mosquitoes in your home and on your premises

- L-324 Soil treatment an aid in ter-
mite control
- L-340 The periodical cicada (17-year
locust)
- L-364 Chinch bugs
- L-390 The housefly
- L-392 Fleas
- L-403 Chiggers
- L-412 Silverfish and firebrats
- L-430 Cockroaches
- L-443 Clover mites, how to control
them around the home
- L-453 How to control bedbugs
- F-2074 American foulbrood of honey
bees . . . how to control it
- F-2151 The Japanese beetle . . . how
we fight it

LIVESTOCK AND SMALL ANIMALS

(Diseases, Insects, Marketing)

- L-250 Hamster raising
- L-381 Infrared lamps—their use in
brooding pigs
- L-388 Horn flies on cattle
- L-395 Automatic livestock waterers
- L-420 Blackleg of cattle
- L-429 The meat-type hog
- L-437 Anaplasmosis in cattle
- L-438 Demodectic mange in cattle
- L-441 Cattle warts
- L-447 Hyperkeratosis of cattle
- L-457 Scrapie of sheep
- L-466 Raising guinea pigs
- L-472 Mr. Livestock Producer . . .
it pays to use chemicals safely
- L-483 Raising rats and mice for
laboratory use
- F-1263 Breeds of swine
- F-1334 Home tanning of leather and
small fur skins
- F-1736 Anthrax
- F-1779 Beef cattle breeds for beef and
for beef and milk
- F-2088 Infectious anemia (swamp fever)
- F-2126 The farm beef herd
- F-2127 Light horses
- F-2138 Slaughtering, cutting and proc-
essing pork on the farm
- F-2141 Beef cattle: dehorning, castrat-
ing, branding and marking
- F-2152 Lamb and mutton on the farm
. . . slaughtering, cutting and
processing
- MB-10 Preparing wool for market
how to increase profits
- MB-16 How do your hogs grade?

MACHINERY AND OTHER EQUIPMENT

- G-63 Hand sprayers and dusters
- F-2062 How to spray the aircraft way
- F-2128 Hose pump for applying ferti-
lizer solutions
- L-427 Planning farm machinery re-
placements

NUTRITION

- GS-1 Nutrition up-to-date, up to you
- G-5 Food for the family with young
children

- G-13 Food for families with school
children
- G-17 Food guide for older folks
- G-57 Getting enough milk
- G-72 Nutritive value of foods
- G-74 Food and your weight
- G-85 Food for the young couple
- G-90 Conserving the nutritive value
in foods
- L-268 Eat a good breakfast . . . to

ORNAMENTAL PLANTS

(Diseases, Insects)

- G-51 Better lawns
- G-65 Growing chrysanthemums in
the home garden
- G-66 Growing iris in the home gar-
den
- G-71 Growing azaleas and rhododen-
drons
- G-80 Home propagation of orna-
mental trees and shrubs
- G-81 Maple diseases and their con-
trol, a guide for homeowners
- G-82 Selecting and growing house
plants
- G-86 Growing camellias
- G-88 Growing the flowering dogwood
- G-91 Growing flowering annuals
- L-183 Cankerworms
- L-184 The elm-leaf beetle
- L-185 Elm bark beetles
- L-439 Spring-flowering bulbs
- F-1855 Culture, diseases, and pests of
the box tree
- F-2114 Lupines . . . culture and use

POULTRY

(Diseases, Insects, Marketing)

- L-397 Brooding chicks with infrared
lamps
- L-402 Intestinal coccidiosis of chick-
ens
- L-404 Blackhead of turkeys and
chickens
- L-415 Tapeworms of poultry
- L-434 Frostproofing water systems in
poultry houses
- L-451 Newcastle disease in poultry,
how to control it
- L-465 Culling hens
- L-497 The home chicken flock
- F-684 Squab raising
- M-728 Houses and equipment for lay-
ing hens—for loose housing on
litter
- MB-7 Farm poultry . . . processing
and marketing

SEWING

- G-11 Fitting coats and suits
- G-20 How to tailor a woman's suit
- G-39 Mending men's suits
- G-59 Simplified clothing construc-
tion
- L-251 Child's self-help overall
- F-1944 Sewing machines, cleaning and
adjusting
- F-1964 Fitting dresses
- F-1968 Pattern alteration

SOIL AND WATER CONSERVATION

- L-249 What is a conservation farm plan?
- L-282 Know your watersheds
- L-335 Farming terraced land
- L-371 Land leveling for irrigation
- L-374 The multiflora rose for fences and wildlife
- L-452 Replenishing underground water supplies
- L-458 Autumn olive for wildlife and other conservation uses
- L-476 Sprinkler irrigation
- F-2035 Making land produce useful wildlife
- F-2046 Farm drainage
- F-2094 Managing farm fish ponds for bass and bluegills
- F-2124 Liming soils
- F-2154 Trout in farm and ranch ponds
- M-759 Windbreaks in conservation farming
- AB-174 Sediment is your problem: wasted soil and water
- AB-175 More wildlife through soil and water conservation
- AB-223 Grass makes its own food for growth, for forage, for good land use, for soil conservation
- PA-400 Soil conservation tips for sportsmen

TOBACCO

- F-2159 Irrigating tobacco

VEGETABLE, HERB AND TRUCK GARDENING (Diseases, Insects, Marketing)

- G-7 Growing vegetables in town and city
- G-9 Suburban and farm vegetable gardens
- G-44 Cabbage insects: how to control them in the home garden
- L-129 Production and preparation of horseradish
- L-136 Production of parsley
- L-142 Production of turnips and rutabagas
- L-351 Growing eggplant
- L-353 Commercial growing of carrots
- L-360 Growing table beets
- L-361 Golden nematode of potatoes and tomatoes
- L-367 Tomato fruitworm
- L-410 Root crop production for livestock
- L-411 The corn earworm in sweet corn
- L-448 Growing watercress
- F-1059 Sweet potato diseases
- F-1646 Asparagus culture
- F-1743 Hotbeds and coldframes
- F-1875 Mushroom growing
- F-1957 Cauliflower and broccoli varieties and culture
- F-2048 Controlling nematodes in the home garden
- F-2148 Aphids on leafy vegetables . . . how to control them

WEEDS

- G-79 Controlling lawn weeds with herbicides
- F-2117 Dodder and its control

The following detailed soil survey maps are offered for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Soil Survey—Clarion County, Pennsylvania—Series 1955, No. 1 \$2.50

Soil Survey—Erie County, Pennsylvania—Series 1957, No. 9 \$3.75

Soil Survey—Potter County, Pennsylvania—Series 1953, No. 2 \$3.75

Soil Survey—Carbon County Pennsylvania—Series 1959, No. 14 \$2.00

